

## Lampiran 7. Pengkodean (Coding)

### L-7.1 Module Database (mdlDatabase)

```

Option Explicit

Public KoneksiDB As New ADODB.Connection
Public Const dbName = "database.mdb"
Public Rs_User As ADODB.Recordset
Public Rs_Hasil As ADODB.Recordset
Public Rs As ADODB.Recordset

Public SqlInsert As String
Public SqlDelete As String
Public SqlUpdate As String
Public StrAkses As String
Public SQL As String
Public UserID, UserNm As String
Public Konfirmasi As String

Public Sub BukaDatabase()
StrAkses = "Provider=Microsoft.Jet.OLEDB.4.0;Data " _
& "Source=" & App.Path & "\" + dbName + ";Persist " _
& "Security Info=False"

On Error Resume Next

If KoneksiDB.State = adStateOpen Then
    KoneksiDB.Close
    Set KoneksiDB = New ADODB.Connection
    KoneksiDB.Open StrAkses
Else
    KoneksiDB.Open StrAkses
End If

Set Rs_User = New ADODB.Recordset
Rs_User.Open "SELECT * FROM in_user", _
    KoneksiDB, adOpenDynamic, _
    adLockBatchOptimistic

Set Rs_Hasil = New ADODB.Recordset
Rs_Hasil.Open "SELECT * FROM in_hasil", _
    KoneksiDB, adOpenDynamic, _
    adLockBatchOptimistic

End Sub

```

### L-7.2 Module Procedure (mdlProcedure)

```

Option Explicit

Public Sub Tengah(X As Form)
    X.Move (Screen.Width - X.Width) / 2, _
        (Screen.Height - X.Height) / 3
End Sub

Public Sub KeluarApp()
    If MsgBox("YAKIN AKAN MENUTUP APLIKASI INI..?", vbYesNo, _
        "...:Konfirmasi:...") = vbYes Then
        End
    End If
End Sub

Public Sub MenuMati()
    MDIUtama.mnInput.Enabled = False
    MDIUtama.mnAnalisis.Enabled = False
    MDIUtama.mnSistem.Enabled = False
    MDIUtama.mnHasil.Enabled = False

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        MDIUtama.mnUser.Enabled = False
    End Sub

    Public Sub MenuHidup()
        MDIUtama.mnInput.Enabled = True
        MDIUtama.mnAnalisis.Enabled = True
        MDIUtama.mnSistem.Enabled = True
        MDIUtama.mnHasil.Enabled = True
        MDIUtama.mnUser.Enabled = True
    End Sub

    Public Sub MenuHide()
        MDIUtama.mnInput.Enabled = True
        MDIUtama.mnAnalisis.Enabled = True
        MDIUtama.mnSistem.Enabled = True
        MDIUtama.mnHasil.Enabled = True
        MDIUtama.mnUser.Enabled = True
    End Sub

    Public Function TglSkrg(tgl As Date) As String
        TglSkrg = Format(Day(tgl), "00") & "/" _
            & Format(Month(tgl), "00") & "/" _
            & Format(Year(tgl))
    End Function

    Public Function IsPrinterInstalled() As Boolean
    On Error Resume Next
    Dim strDummy As String
        strDummy = Printer.DeviceName
        If Err.Number Then
            IsPrinterInstalled = False
        Else
            IsPrinterInstalled = True
        End If
    End Function

```

### L-7.3 Form Utama (MDIUtama)

```

    Private Sub MDIForm_Load()
        Call BukaDatabase
    End Sub

    Private Sub MDIForm_Unload(Cancel As Integer)
        If MsgBox("YAKIN AKAN MENUTUP APLIKASI INI..?", _
            vbYesNo, "...:Konfirmasi:...") = vbNo Then
            Cancel = 1
        Else
            End
        End If
    End Sub

    Private Sub mnAbout_Click()
        frmAbout.Show
    End Sub

    Private Sub mnAwal_Click()
        frmAwal.Show
    End Sub

    Private Sub mnBeam_Click()
        frmPilih.Show
    End Sub

    Private Sub mnDiagramTebalOverlay_Click()
        frmOverlay.Show
    End Sub

    Private Sub mnHasil_Click()
        Call MenuMati
        rptHasil.Show
    End Sub

```

```

End Sub

Private Sub mnKeluar_Click()
Call KeluarApp
End Sub

Private Sub mnLintas_Click()
frmLaluLintas.Show
End Sub

Private Sub mnLogin_Click()
If MDIUtama.mnLogin.Caption = "Login" Then
frmLogin.Show
Else
mnUser.Enabled = False
End If
frmLogin.Show
End Sub

Private Sub mnOverlay_Click()
frmOverlay.Show
End Sub

Private Sub mnUser_Click()
frmUser.Show
End Sub

```

#### L-7.4 Form User (frmUser)

```

Option Explicit
Dim GridBaris As Byte
Dim TmpPassword As String
Dim NewPassword As String
Dim Tanya As String

Private Sub Form_Load()
Call Tengah(Me)
Call MenuMati
Call FormMati
Call BukaDatabase
Call TampilGridData
TbUbah.Enabled = False
TbSimpan.Enabled = False
TbHapus.Enabled = False
End Sub

Sub FormKosong()
txtUserId.Text = ""
txtPassword.Text = ""
txtNama.Text = ""
End Sub

Sub FormHidup()
txtUserId.Enabled = True
txtPassword.Enabled = True
txtNama.Enabled = True
txtUserId.BackColor = &HFFFFFF
txtPassword.BackColor = &HFFFFFF
txtNama.BackColor = &HFFFFFF
End Sub

Sub FormMati()
txtUserId.Enabled = False
txtPassword.Enabled = False
txtNama.Enabled = False

txtUserId.BackColor = &HE0E0E0
txtPassword.BackColor = &HE0E0E0
txtNama.BackColor = &HE0E0E0
End Sub

```

```

Sub FormNormal()
    Call FormKosong
    Call FormMati
    TbBaru.Enabled = True
    TbUbah.Enabled = False
    TbHapus.Enabled = False
    TbSimpan.Enabled = False
    TbKeluar.Caption = "&Keluar"
End Sub

Sub AktifGridUser()
    With GridUser
        .Col = 0
        .Row = 0
        .Text = "USER ID"
        .CellFontBold = True
        .ColWidth(0) = 2300
        .AllowUserResizing = flexResizeColumns
        .CellAlignment = flexAlignCenterCenter
        .Col = 1
        .Row = 0
        .Text = "PASSWORD"
        .CellFontBold = True
        .ColWidth(1) = 1800
        .AllowUserResizing = flexResizeColumns
        .CellAlignment = flexAlignCenterCenter
        .Col = 2
        .Row = 0
        .Text = "NAMA PEMILIK"
        .CellFontBold = True
        .ColWidth(2) = 3200
        .AllowUserResizing = flexResizeColumns
        .CellAlignment = flexAlignCenterCenter
    End With
End Sub

Sub TampilGridData()
    Dim Baris As Integer
    GridUser.Clear
    Call AktifGridUser
    GridUser.Rows = 2
    Baris = 0
    Set Rs_User = New ADODB.Recordset
    Rs_User.Open "SELECT * FROM in_user", _
        KoneksiDB, adOpenDynamic, adLockOptimistic
    If Rs_User.BOF Then
        MsgBox "DATA USER MASIH KOSONG!", _
            vbOKOnly + vbInformation, "Perhatian"
        Exit Sub
    Else
        With Rs_User
            .MoveFirst
            Do While Not .EOF
                On Error Resume Next
                Baris = Baris + 1
                GridUser.Rows = Baris + 1
                GridUser.TextMatrix(Baris, 0) = !id_user
                GridUser.TextMatrix(Baris, 1) = "xxxxxxx"
                GridUser.TextMatrix(Baris, 2) = !nama_user
            .MoveNext
        Loop
    End With
    End If
End Sub

Private Sub Form_Unload(Cancel As Integer)
    Call MenuHidup
End Sub

Private Sub GridUser_DblClick()

```

```

TbHapus.Enabled = True
TbSimpan.Enabled = False
TbUbah.Enabled = True
TbKeluar.Caption = "&Batal"
TbBaru.Enabled = False
txtUserId.Locked = True
Call FormHidup
txtPassword.SetFocus
GridBaris = GridUser.Row
Set Rs_User = New ADODB.Recordset
Rs_User.Open "SELECT * FROM in_user " _
    & " WHERE id_user =" & _
    & GridUser.TextMatrix(GridBaris, 0) & "'", _
    KoneksiIDB, adOpenDynamic, adLockBatchOptimistic
If Rs_User.EOF Then
    MsgBox "TABEL MASIH KOSONG", _
        vbOKOnly + vbInformation, "Perhatian"
    Exit Sub
    Call FormNormal
Else
    Rs_User.MoveFirst
    Do While Not Rs_User.EOF
        On Error Resume Next
        txtUserId.Text = Rs_User!id_user
        txtNama.Text = Rs_User!nama_user
        txtPassword = Rs_User!password_user
        Rs_User.MoveNext
    Loop
End If
End Sub
Private Sub TbBaru_Click()
    Call FormHidup
    Call TampilGridData
    TbSimpan.Enabled = True
    TbBaru.Enabled = False
    TbHapus.Enabled = False
    TbKeluar.Caption = "&Batal"

    txtUserId.Locked = False
    txtUserId.SetFocus
End Sub

Private Sub TbHapus_Click()
    Tanya = MsgBox("YAKIN AKAN MENGHAPUS USER INI?" _
        & vbCrLf & "" & "USER ID : " _
        & txtUserId + vbCrLf & "" _
        & "NAMA : " & txtNama.Text + vbCrLf & "", _
        vbYesNo + vbQuestion, "Awass")
    If Tanya = vbYes Then
        SQL = "DELETE FROM in_user WHERE " _
            & " id_user=" & txtUserId.Text & "'"
        KoneksiIDB.Execute SQL, , adCmdText
        Rs_User.Requery
        Call FormNormal
        Call FormMati
        Call TampilGridData
    Else
        Call FormNormal
    End If
End Sub

Private Sub TbKeluar_Click()
    If TbKeluar.Caption = "&Keluar" Then
        Unload Me
    Else
        Call FormNormal
    End If
End Sub

Private Sub TbSimpan_Click()
    Set Rs_User = New ADODB.Recordset

```

```

Rs_User.Open "SELECT * FROM in_user WHERE" _
    & " id_user='" & Trim(txtUserId.Text) & "'", _
KoneksiDB, adOpenDynamic, adLockBatchOptimistic
If Len(txtUserId.Text) <= 3 Then
    MsgBox "USER ID MINIMAL 4 DIGIT", _
        vbOKOnly + vbCritical, "Error"
    txtUserId.SetFocus
ElseIf txtNama.Text = "" Then
    MsgBox "NAMA BELUM DIISI", _
        vbOKOnly + vbCritical, "Error"
    txtNama.SetFocus
ElseIf Not Rs_User.BOF Then
    MsgBox "Maaf, UserID" _
        & " " & UCase(txtUserId.Text) _
        & " Sudah Tersedia!!", _
        vbInformation + vbOKOnly, "information"
    txtUserId.Text = ""
    txtUserId.SetFocus
    Exit Sub
Else
    SqlInsert = "INSERT INTO in_user" _
        & " (id_user,password_user,nama_user) " _
        & " VALUES('" & Trim(txtUserId.Text) & "','" _
        & Trim(txtPassword.Text) & "','" _
        & Trim(txtNama.Text) & "'"
    KoneksiDB.Execute SqlInsert, , adCmdText
    Rs_User.Requery
    Call FormNormal
    Call Form_Load
    MsgBox "DATA USER BARU TELAH TERSIMPAN", _
        vbOKOnly + vbInformation, "sukses"
    End If
End Sub

Private Sub TbUbah_Click()
    If txtNama.Text = "" Then
        MsgBox "NAMA BELUM DIISI", _
            vbOKOnly + vbCritical, "Error"
        txtNama.SetFocus
    Else
        If txtPassword.Text = "" Then
            NewPassword = txtPassword.Text
        End If
        SqlUpdate = "UPDATE in_user" _
            & " SET password_user = '" & txtPassword.Text & "', " _
            & " nama_user = '" & txtNama.Text & "'" _
            & " WHERE id_user='" & txtUserId.Text & "'"
        KoneksiDB.Execute SqlUpdate, , adCmdText
        Rs_User.Requery
        Call FormNormal
        MsgBox "Data User Telah TerUpdate ", _
            vbOKOnly + vbInformation, "Konfirmasi"
        Call Form_Load
        End If
    End Sub

Private Sub txtUserId_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        txtPassword.SetFocus
        KeyAscii = 0
    End If
End Sub

Private Sub txtPassword_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyReturn Then
        txtNama.SetFocus
        KeyAscii = 0
    End If
End Sub

```

```

Private Sub txtNama_KeyPress(KeyAscii As Integer)
    KeyAscii = Asc(UCase((Chr(KeyAscii))))
    If KeyAscii = vbKeyReturn Then
        TbSimpan.SetFocus
        KeyAscii = 0
    End If
End Sub

```

### L-7.5 Form Login (frmLogin)

```

Option Explicit
Dim MaxLogin As Integer

Private Sub Form_Load()
    Call Tengah(Me)
    Call BukaDatabase
    Call MenuMati
End Sub

Private Sub Form_Unload(Cancel As Integer)
    Call MenuHidup
End Sub

Private Sub TbKlik_Click()
    frmUser.Show
End Sub

Private Sub TbLogin_Click()
    If txtUser.Text = "" Then
        MsgBox "USER ID MASIH KOSONG!", _
            vbCritical + vbOKOnly, "Error"
        txtUser.SetFocus
    ElseIf txtPassword.Text = "" Then
        MsgBox "PASSWORD MASIH KOSONG !", _
            vbCritical + vbOKOnly, "Error"
        txtPassword.SetFocus
    Else
        SQL = ""
        SQL = "SELECT * FROM in_user " _
            & "WHERE id_user='" & txtUser.Text & "' " _
            & "AND password_user='" & txtPassword.Text & "'"
        Set Rs_User = KoneksiDB.Execute(SQL)
        If Not Rs_User.EOF Then
            UserID = Rs_User!id_user
            UserNm = Rs_User!nama_user
            With MDIUtama
                .mnLogin.Caption = "Logout"
            End With
            Unload Me
        Else
            If MaxLogin < 3 Then
                MsgBox "PASSWORD MASIH SALAH, ULANGI LAGI!", _
                    vbCritical + vbOKOnly, "Error"
                txtPassword.Text = ""
                txtPassword.SetFocus
                MaxLogin = MaxLogin + 1
            Else
                MsgBox "ANDA BUKAN USER YANG BERHAK", _
                    vbCritical + vbOKOnly, "Error"
            End If
        End If
    End If
End Sub

Private Sub TbTutup_Click()
    Call KeluarApp
End Sub

```

## L-7.6 Form Input Data Awal (frmAwal)

```

Option Explicit
Dim GridObjIndex As Byte
Dim Cuaca As String
Dim TanggalPengujian As String

Private Sub Form_Load()
    Call Tengah(Me)
    Call MenuMati
    Call BukaDatabase
    Call FormMati
    Call TampilGridData
    TbHapus.Enabled = False
    TbSimpan.Enabled = False
    TbUbah.Enabled = False
End Sub

Sub FormKosong()
    txtLokasi.Text = ""
    txtExixting.Text = ""
    txtFungsi.Text = ""
    txtLapisan.Text = ""
    txtSta.Text = ""
    txtTanggal.Text = ""
    txtCuaca.Text = ""
End Sub

Sub FormHidup()
    txtLokasi.Enabled = True
    txtExixting.Enabled = True
    txtFungsi.Enabled = True
    txtLapisan.Enabled = True
    txtSta.Enabled = True
    txtTanggal.Enabled = True
    txtCuaca.Enabled = True
End Sub

Sub FormMati()
    txtLokasi.Enabled = False
    txtExixting.Enabled = False
    txtFungsi.Enabled = False
    txtLapisan.Enabled = False
    txtSta.Enabled = False
    txtTanggal.Enabled = False
    txtCuaca.Enabled = False
End Sub

Sub FormNormal()
    Call FormKosong
    Call FormMati
    TbTambah.Enabled = True
    TbHapus.Enabled = False
    TbSimpan.Enabled = False
    TbUbah.Enabled = False
    TbKeluar.Caption = "&Keluar"
End Sub

Sub AktifGridAwal()
    With GridAwal
        .RowHeightMin = 300
        .Col = 0
        .Row = 0
        .Text = "No"
        .CellFontBold = True
        .ColWidth(0) = 400
        .AllowUserResizing = flexResizeColumns
        .CellAlignment = flexAlignCenterCenter
        .RowHeightMin = 300
        .Col = 1
    End With

```



```

.Row = 0
.Text = "Lokasi"
.CellFontBold = True
.ColWidth(1) = 4000
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter
.Col = 2
.Row = 0
.Text = "Lapis Perkerasan Existing (Cm)"
.CellFontBold = True
.ColWidth(2) = 3500
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter
.Col = 3
.Row = 0
.Text = "Fungsi Jalan"
.CellFontBold = True
.ColWidth(3) = 2000
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter
.Col = 4
.Row = 0
.Text = "Jenis Lapisan"
.CellFontBold = True
.ColWidth(4) = 2000
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter
.Col = 5
.Row = 0
.Text = "Cuaca"
.CellFontBold = True
.ColWidth(5) = 1000
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter
.Col = 6
.Row = 0
.Text = "Stasiun"
.CellFontBold = True
.ColWidth(6) = 3000
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter
.Col = 7
.Row = 0
.Text = "Tanggal Pengujian"
.CellFontBold = True
.ColWidth(7) = 3000
.AllowUserResizing = flexResizeColumns
.CellAlignment = flexAlignCenterCenter
End With
End Sub

Sub TampilGridData()
Dim Baris As Integer
GridAwal.Clear
Call AktifGridAwal
GridAwal.Rows = 2
Baris = 0
Call BukaDatabase
If Rs_Hasil.EOF Then
MsgBox "Tabel Input Data Awal masih kosong!", _
vbOKOnly + vbInformation, "Perhatian"
Exit Sub
Else
With Rs_Hasil
.MoveFirst
Do While Not .EOF
On Error Resume Next
Baris = Baris + 1
GridAwal.Rows = Baris + 1
GridAwal.TextMatrix(Baris, 0) = Baris
GridAwal.TextMatrix(Baris, 1) = !Lokasi

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        GridAwal.TextMatrix(Baris, 2) = !Perkerasan_Existing
        GridAwal.TextMatrix(Baris, 3) = !Fungsi_Jalan
        GridAwal.TextMatrix(Baris, 4) = !Jenis_Lapisan
        GridAwal.TextMatrix(Baris, 5) = !Cuaca
        GridAwal.TextMatrix(Baris, 6) = !Stasiun
        GridAwal.TextMatrix(Baris, 7) = !Tanggal_Pengujian
    .MoveNext
    Loop
End With
End If
End Sub
Private Sub Form_Unload(Cancel As Integer)
    Call MenuHidup
End Sub

Private Sub GridAwal_DblClick()
    TbHapus.Enabled = True
    TbSimpan.Enabled = False
    TbUbah.Enabled = True
    TbKeluar.Caption = "&Batal"
    TbTambah.Enabled = False
    Call FormHidup
    txtLokasi.SetFocus
    GridObjIndex = GridAwal.Row
    Set Rs_Hasil = New ADODB.Recordset
    Rs_Hasil.Open "SELECT * FROM in_hasil " _
    & " WHERE Lokasi =" & " _
    & GridAwal.TextMatrix(GridObjIndex, 1) & " " _
    , KoneksiDB, adOpenDynamic, adLockBatchOptimistic
    If Rs_Hasil.BOF Then
        MsgBox "Tabel Input Data Awal masih kosong!", _
        vbOKOnly + vbInformation, "Perhatian"
        Exit Sub
        Call FormNormal
    Else
        Rs_Hasil.MoveFirst
        Do While Not Rs_Hasil.EOF
            On Error Resume Next
            txtLokasi.Text = Rs_Hasil!Lokasi
            txtExisting.Text = Rs_Hasil!Perkerasan_Existing
            txtFungsi.Text = Rs_Hasil!Fungsi_Jalan
            txtLapisan.Text = Rs_Hasil!Jenis_Lapisan
            txtCuaca.Text = Rs_Hasil!Cuaca
            txtSta.Text = Rs_Hasil!Stasiun
            txtTanggal.Text = Rs_Hasil!Tanggal_Pengujian
            Rs_Hasil.MoveNext
        Loop
    End If
End Sub

Private Sub TbHapus_Click()
On Error GoTo HandleError
    Konfirmasi = MsgBox("Anda yakin akan" _
    & " menghapus Data ini?", _
    vbYesNo + vbQuestion, "Konfirmasi")
    If Konfirmasi = vbYes Then
        SqlDelete = "DELETE FROM in_hasil WHERE " _
        & " Lokasi=" & txtLokasi.Text & ""
        KoneksiDB.Execute SqlDelete, , adCmdText
        Rs_Hasil.Requery
        Call FormNormal
        Call Form_Load
    Else
HandleError:
        MsgBox "Data tidak dapat diproses.", _
        vbInformation, "Perhatian"
        On Error GoTo 0
        Call FormNormal
    End If
End Sub

```

```

Private Sub TbKeluar_Click()
    Unload Me
End Sub

Private Sub TbSimpan_Click()
    If txtLokasi.Text = "" Then
        MsgBox "Lokasi tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtLokasi.SetFocus
    ElseIf txtExixting.Text = "" Then
        MsgBox "Perkerasan Exixting tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtExixting.SetFocus
    ElseIf txtFungsi.Text = "" Then
        MsgBox "Fungsi Jalan tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtFungsi.SetFocus
    ElseIf txtLapisan.Text = "" Then
        MsgBox "Jenis Lapisan tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtLapisan.SetFocus
    ElseIf txtSta.Text = "" Then
        MsgBox "Stasiun tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtSta.SetFocus
    Else
        If txtCuaca = "" Then
            txtCuaca.Text = "-"
        Else
            Cuaca = txtCuaca.Text
        End If
        If txtTanggal = "" Then
            txtTanggal.Text = "-"
        End If
        TanggalPengujian = txtTanggal.Text
    End If
    SqlInsert = "INSERT INTO in_hasil " _
        & " (Lokasi, Perkerasan_Exixting, Fungsi Jalan, " _
        & " Jenis_Lapisan,Cuaca,Stasiun, Tanggal_Pengujian)" _
        & "VALUES('" & txtLokasi.Text & "','" _
        & txtExixting.Text & "','" & txtFungsi.Text & "','" _
        & txtLapisan.Text & "','" & txtCuaca.Text & "','" _
        & txtSta.Text & "','" & txtTanggal.Text & "')"
    KoneksiDB.Execute SqlInsert, , adCmdText
    Rs_Hasil.Requery
    Call FormNormal
    Call Form_Load
    MsgBox "DATA TELAH TERSIMPAN!", _
        vbOKOnly + vbInformation, "Sukses"
    End If
End Sub

Private Sub TbTambah_Click()
    Call FormHidup
    TbSimpan.Enabled = True
    TbTambah.Enabled = False
    TbUbah.Enabled = False
    TbHapus.Enabled = False
    TbKeluar.Caption = "&Batal"
    txtLokasi.SetFocus
    Call TampilGridData
End Sub

Private Sub TbUbah_Click()
    If txtLokasi.Text = "" Then
        MsgBox "Lokasi tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtLokasi.SetFocus
    ElseIf txtExixting.Text = "" Then
        MsgBox "Perkerasan Exixting tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"

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        txtExixting.SetFocus
    ElseIf txtFungsi.Text = "" Then
        MsgBox "Fungsi Jalan tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtFungsi.SetFocus
    ElseIf txtLapisan.Text = "" Then
        MsgBox "Jenis Lapisan tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtLapisan.SetFocus
    ElseIf txtSta.Text = "" Then
        MsgBox "Stasiun tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtSta.SetFocus
    Else
        If txtCuaca = "" Then
            txtCuaca.Text = "-"
        Else
            Cuaca = txtCuaca.Text
        End If
        If txtTanggal = "" Then
            txtTanggal.Text = "-"
        End If
        TanggalPengujian = txtTanggal.Text
    End If
    SqlUpdate = "UPDATE in_hasil " _
        & " SET Lokasi='" & txtLokasi.Text & "', " _
        & " Perkerasan_Exixting='" & txtExixting.Text & "', " _
        & " Fungsi_Jalan='" & txtFungsi.Text & "', " _
        & " Jenis_Lapisan='" & txtLapisan.Text & "', " _
        & " Cuaca='" & txtCuaca.Text & "', " _
        & " Stasiun='" & txtSta.Text & "', " _
        & " Tanggal_Pengujian='" & txtTanggal.Text & "' " _
        & " WHERE Lokasi='" & txtLokasi.Text & "'"
    KoneksiDB.Execute SqlUpdate, , adCmdText
    Rs_Hasil.Requery
    Call FormNormal
    MsgBox "Data telah ter_update !", _
        vbOKOnly + vbInformation, "Konfirmasi"
    Call Form_Load
    End If
End Sub

```

### L-7.7 Form Analisis Lalu Lintas (frmLaluLintas)

```

Private Sub Form_Load()
    Call Tengah(Me)
    Call MenuMati
    Call BukaDatabase
End Sub

Private Sub TbHitung_Click()
    If txtUmur.Text = "" Then
        MsgBox "Umur Rencana tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtUmur.SetFocus
    ElseIf txtPertumbuhan.Text = "" Then
        MsgBox "Petumbuhan Lalu Lintas tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtPertumbuhan.SetFocus
    ElseIf txtDD.Text = "" Then
        MsgBox "Faktor Distribusi Arah (DD) tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtDD.SetFocus
    ElseIf txtDL.Text = "" Then
        MsgBox "Faktor Distribusi Lajur (DL) tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtDL.SetFocus
    ElseIf txtPembangunan.Text = "" Then
        MsgBox "Masa Pembangunan tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
    End If
End Sub

```

```

        txtPembangunan.SetFocus
    End If
Call hitungFaktorPengaliPertumbuhanALaluLintas
Call hitungLHR
Call hitungESAL
Call hitungCESAL
End Sub

Sub hitungFaktorPengaliPertumbuhanALaluLintas()
On Error GoTo perangkap
Dim U As Double
Dim P As Double
Dim R As Double
perangkap:
If Err.Number = 6 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
U = Val(txtUmur.Text)
P = Val(txtPertumbuhan.Text)
txtR = ((1 + 0.01 * P) ^ U - 1) / (0.01 * P)
End Sub

Sub hitungLHR()
Dim Volume1 As Double
Dim Volume2 As Double
Dim Volume3 As Double
Dim Volume4 As Double
Dim Volume5a As Double
Dim Volume5b As Double
Dim Volume6a As Double
Dim Volume6b As Double
Dim Volume7a As Double
Dim Volume7b As Double
Dim Volume7c As Double
Dim Volume8 As Double
Dim MasaPembangunan As Double
Dim i As Double
Volume1 = Val(txtK1.Text)
Volume2 = Val(txtK2.Text)
Volume3 = Val(txtK3.Text)
Volume4 = Val(txtK4.Text)
Volume5a = Val(txtK5.Text)
Volume5b = Val(txtK6.Text)
Volume6a = Val(txtK7.Text)
Volume6b = Val(txtK8.Text)
Volume7a = Val(txtK9.Text)
Volume7b = Val(txtK10.Text)
Volume7c = Val(txtK11.Text)
Volume8 = Val(txtK12.Text)
i = Val(txtPertumbuhan.Text)
MasaPembangunan = Val(txtPembangunan.Text)
txtL1 = Volume1 * (1 + (i / 100)) ^ MasaPembangunan
txtL2 = Volume2 * (1 + (i / 100)) ^ MasaPembangunan
txtL3 = Volume3 * (1 + (i / 100)) ^ MasaPembangunan
txtL4 = Volume4 * (1 + (i / 100)) ^ MasaPembangunan
txtL5 = Volume5a * (1 + (i / 100)) ^ MasaPembangunan
txtL6 = Volume5b * (1 + (i / 100)) ^ MasaPembangunan
txtL7 = Volume6a * (1 + (i / 100)) ^ MasaPembangunan
txtL8 = Volume6b * (1 + (i / 100)) ^ MasaPembangunan
txtL9 = Volume7a * (1 + (i / 100)) ^ MasaPembangunan
txtL10 = Volume7b * (1 + (i / 100)) ^ MasaPembangunan
txtL11 = Volume7c * (1 + (i / 100)) ^ MasaPembangunan
txtL12 = Volume8 * (1 + (i / 100)) ^ MasaPembangunan
End Sub

```

```

Sub hitungESAL()
Dim LHR1 As Double
Dim LHR2 As Double
Dim LHR3 As Double
Dim LHR4 As Double
Dim LHR5a As Double
Dim LHR5b As Double
Dim LHR6a As Double
Dim LHR6b As Double
Dim LHR7a As Double
Dim LHR7b As Double
Dim LHR7c As Double
Dim LHR8 As Double
Dim VDF1 As Double
Dim VDF2 As Double
Dim VDF3 As Double
Dim VDF4 As Double
Dim VDF5a As Double
Dim VDF5b As Double
Dim VDF6a As Double
Dim VDF6b As Double
Dim VDF7a As Double
Dim VDF7b As Double
Dim VDF7c As Double
Dim VDF8 As Double
Dim DD As Double
Dim DL As Double
Dim R As Double
LHR1 = Val(txtL1.Text)
LHR2 = Val(txtL2.Text)
LHR3 = Val(txtL3.Text)
LHR4 = Val(txtL4.Text)
LHR5a = Val(txtL5.Text)
LHR5b = Val(txtL6.Text)
LHR6a = Val(txtL7.Text)
LHR6b = Val(txtL8.Text)
LHR7a = Val(txtL9.Text)
LHR7b = Val(txtL10.Text)
LHR7c = Val(txtL11.Text)
LHR8 = Val(txtL12.Text)
VDF1 = Val(txtV1.Text)
VDF2 = Val(txtV2.Text)
VDF3 = Val(txtV3.Text)
VDF4 = Val(txtV4.Text)
VDF5a = Val(txtV5.Text)
VDF5b = Val(txtV6.Text)
VDF6a = Val(txtV7.Text)
VDF6b = Val(txtV8.Text)
VDF7a = Val(txtV9.Text)
VDF7b = Val(txtV10.Text)
VDF7c = Val(txtV11.Text)
VDF8 = Val(txtV12.Text)
DD = Val(txtDD.Text)
DL = Val(txtDL.Text)
R = Val(txtR.Text)
txtE1 = LHR1 * VDF1 * DD * DL * R * 365
txtE2 = LHR2 * VDF2 * DD * DL * R * 365
txtE3 = LHR3 * VDF3 * DD * DL * R * 365
txtE4 = LHR4 * VDF4 * DD * DL * R * 365
txtE5 = LHR5a * VDF5a * DD * DL * R * 365
txtE6 = LHR5b * VDF5b * DD * DL * R * 365
txtE7 = LHR6a * VDF6a * DD * DL * R * 365
txtE8 = LHR6b * VDF6b * DD * DL * R * 365
txtE9 = LHR7a * VDF7a * DD * DL * R * 365
txtE10 = LHR7b * VDF7b * DD * DL * R * 365
txtE11 = LHR7c * VDF7c * DD * DL * R * 365
txtE12 = LHR8 * VDF8 * DD * DL * R * 365
End Sub

```

```

Sub hitungCESAL()
Dim Esall As Double

```

```

Dim Esal2 As Double
Dim ESAL3 As Double
Dim ESAL4 As Double
Dim ESAL5a As Double
Dim ESAL5b As Double
Dim ESAL6a As Double
Dim ESAL6b As Double
Dim ESAL7a As Double
Dim ESAL7b As Double
Dim ESAL7c As Double
Dim ESAL8 As Double
Dim Cesal As Double
Esal1 = Val(txtE1.Text)
Esal2 = Val(txtE2.Text)
ESAL3 = Val(txtE3.Text)
ESAL4 = Val(txtE4.Text)
ESAL5a = Val(txtE5.Text)
ESAL5b = Val(txtE6.Text)
ESAL6a = Val(txtE7.Text)
ESAL6b = Val(txtE8.Text)
ESAL7a = Val(txtE9.Text)
ESAL7b = Val(txtE10.Text)
ESAL7c = Val(txtE11.Text)
ESAL8 = Val(txtE12.Text)
Cesal = Esal1 + Esal2 + ESAL3 + ESAL4 + ESAL5a + ESAL5b + ESAL6a + ESAL6b +
ESAL7a + ESAL7b + ESAL7c + ESAL8
txtCesal = Format(Cesal, "#,###")
End Sub

Private Sub TbKeluar_Click()
Me.Hide
Call MenuHide
End Sub

Sub FormNormal()
TbHitung.Enabled = True
TbSimpan.Enabled = True
TbKeluar.Caption = "&Keluar"
End Sub

Sub FormHidup()
txtUmur.Enabled = True
txtPertumbuhan.Enabled = True
txtDD.Enabled = True
txtDL.Enabled = True
txtPembangunan.Enabled = True
txtR.Enabled = True
End Sub

Private Sub TbSimpan_Click()
If txtCesal.Text = "" Then
MsgBox "CESAL tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtCesal.SetFocus
Else
SqlUpdate = "UPDATE in_hasil " _
& " SET Esal='" & txtCesal.Text & "', " _
& " Umur_Rencana='" & txtUmur.Text & "'" _
KoneksiDB.Execute SqlUpdate, , adCmdText
Rs_Hasil.Requery
Call FormNormal
Call Form_Load
MsgBox "DATA TELAH TERSIMPAN!", _
vbOKOnly + vbInformation, "Sukses"
End If
End Sub

Private Sub TbVDF4_Click()
frmVDF4.Show
Call TbKeluar_Click
Call MenuMati

```

```

End Sub

Private Sub TbVDF5_Click()
frmVDF5.Show
Call TbKeluar_Click
Call MenuMati
End Sub

```

### L-7.8 Form Nilai VDF4 (frmVDF4)

```

Private Sub Bali_Click()
frmLaluLintas.Show
Unload Me
Call MenuMati
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.55
frmLaluLintas.txtV8 = 2.5
frmLaluLintas.txtV9 = 0
frmLaluLintas.txtV10 = 0
frmLaluLintas.txtV11 = 10.2
frmLaluLintas.txtV12 = 0
End Sub

Private Sub Form_Load()
Call Tengah(Me)
End Sub

Private Sub Jawa_Click()
frmLaluLintas.Show
Unload Me
Call MenuMati
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.55
frmLaluLintas.txtV8 = 4
frmLaluLintas.txtV9 = 4.7
frmLaluLintas.txtV10 = 9.4
frmLaluLintas.txtV11 = 7.4
frmLaluLintas.txtV12 = 0
End Sub

Private Sub Kalimantan_Click()
frmLaluLintas.Show
Unload Me
Call MenuMati
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.55
frmLaluLintas.txtV8 = 3.4
frmLaluLintas.txtV9 = 4.1
frmLaluLintas.txtV10 = 0
frmLaluLintas.txtV11 = 7
frmLaluLintas.txtV12 = 0
End Sub

Private Sub Selawesi_Click()
frmLaluLintas.Show

```



```
Unload Me
Call MenuMati
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.55
frmLaluLintas.txtV8 = 2.9
frmLaluLintas.txtV9 = 4.9
frmLaluLintas.txtV10 = 0
frmLaluLintas.txtV11 = 6.5
frmLaluLintas.txtV12 = 0
End Sub

Private Sub Sumatera_Click()
frmLaluLintas.Show
Unload Me
Call MenuMati
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.55
frmLaluLintas.txtV8 = 3.4
frmLaluLintas.txtV9 = 5.4
frmLaluLintas.txtV10 = 0
frmLaluLintas.txtV11 = 7
frmLaluLintas.txtV12 = 0
End Sub

Private Sub TbBali_Click()
frmLaluLintas.Show
Unload Me
Call MenuMati
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.55
frmLaluLintas.txtV8 = 3
frmLaluLintas.txtV9 = 0
frmLaluLintas.txtV10 = 0
frmLaluLintas.txtV11 = 14
frmLaluLintas.txtV12 = 0
End Sub

Private Sub TbJawa_Click()
frmLaluLintas.Show
Unload Me
Call MenuMati
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.55
frmLaluLintas.txtV8 = 5.3
frmLaluLintas.txtV9 = 8.2
frmLaluLintas.txtV10 = 11.8
frmLaluLintas.txtV11 = 11
frmLaluLintas.txtV12 = 0
End Sub

Private Sub TbKalimantan_Click()
```

```

frmLaluLintas.Show
Unload Me
Call MenuMati
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.55
frmLaluLintas.txtV8 = 4.8
frmLaluLintas.txtV9 = 9.9
frmLaluLintas.txtV10 = 0
frmLaluLintas.txtV11 = 11.7
frmLaluLintas.txtV12 = 0
End Sub

Private Sub TbSulawesi_Click()
frmLaluLintas.Show
Unload Me
Call MenuMati
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.55
frmLaluLintas.txtV8 = 4.9
frmLaluLintas.txtV9 = 7.2
frmLaluLintas.txtV10 = 0
frmLaluLintas.txtV11 = 13.2
frmLaluLintas.txtV12 = 0
End Sub

Private Sub TbSumatera_Click()
frmLaluLintas.Show
Unload Me
Call MenuMati
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.55
frmLaluLintas.txtV8 = 4.5
frmLaluLintas.txtV9 = 10.1
frmLaluLintas.txtV10 = 0
frmLaluLintas.txtV11 = 15.9
frmLaluLintas.txtV12 = 0
End Sub

```

### L-7.9 Form Nilai VDF5 (frmVDF5)

```

Private Sub Bali_Click()
frmLaluLintas.Show
Unload Me
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.5
frmLaluLintas.txtV8 = 3
frmLaluLintas.txtV9 = 0
frmLaluLintas.txtV10 = 0
frmLaluLintas.txtV11 = 8
frmLaluLintas.txtV12 = 0

```

```
End Sub

Private Sub Form_Load()
Call Tengah(Me)
End Sub

Private Sub Jawa_Click()
frmLaluLintas.Show
Unload Me
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.5
frmLaluLintas.txtV8 = 5.1
frmLaluLintas.txtV9 = 6.4
frmLaluLintas.txtV10 = 13
frmLaluLintas.txtV11 = 9.7
frmLaluLintas.txtV12 = 0
End Sub

Private Sub Kalimantan_Click()
frmLaluLintas.Show
Unload Me
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.5
frmLaluLintas.txtV8 = 4.7
frmLaluLintas.txtV9 = 5.3
frmLaluLintas.txtV10 = 0
frmLaluLintas.txtV11 = 10.2
frmLaluLintas.txtV12 = 0
End Sub

Private Sub Selawesi_Click()
frmLaluLintas.Show
Unload Me
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.5
frmLaluLintas.txtV8 = 4
frmLaluLintas.txtV9 = 6.7
frmLaluLintas.txtV10 = 0
frmLaluLintas.txtV11 = 8.8
frmLaluLintas.txtV12 = 0
End Sub

Private Sub Sumatera_Click()
frmLaluLintas.Show
Unload Me
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.5
frmLaluLintas.txtV8 = 4.6
frmLaluLintas.txtV9 = 7.4
frmLaluLintas.txtV10 = 0
frmLaluLintas.txtV11 = 9.6
```

```
frmLaluLintas.txtV12 = 0
End Sub

Private Sub TbBali_Click()
frmLaluLintas.Show
Unload Me
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.5
frmLaluLintas.txtV8 = 4
frmLaluLintas.txtV9 = 0
frmLaluLintas.txtV10 = 0
frmLaluLintas.txtV11 = 11.9
frmLaluLintas.txtV12 = 0
End Sub

Private Sub TbJawa_Click()
frmLaluLintas.Show
Unload Me
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.5
frmLaluLintas.txtV8 = 9.2
frmLaluLintas.txtV9 = 14.4
frmLaluLintas.txtV10 = 18.2
frmLaluLintas.txtV11 = 19.8
frmLaluLintas.txtV12 = 0
End Sub

Private Sub TbKalimantan_Click()
frmLaluLintas.Show
Unload Me
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.5
frmLaluLintas.txtV8 = 8.5
frmLaluLintas.txtV9 = 18.3
frmLaluLintas.txtV10 = 0
frmLaluLintas.txtV11 = 20.4
frmLaluLintas.txtV12 = 0
End Sub

Private Sub TbSulawesi_Click()
frmLaluLintas.Show
Unload Me
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.5
frmLaluLintas.txtV8 = 9
frmLaluLintas.txtV9 = 11.4
frmLaluLintas.txtV10 = 0
frmLaluLintas.txtV11 = 25.5
frmLaluLintas.txtV12 = 0
End Sub
```

```

Private Sub TbSumatera_Click()
frmLaluLintas.Show
Unload Me
frmLaluLintas.txtV1 = 0
frmLaluLintas.txtV2 = 0
frmLaluLintas.txtV3 = 0
frmLaluLintas.txtV4 = 0
frmLaluLintas.txtV5 = 0
frmLaluLintas.txtV6 = 1
frmLaluLintas.txtV7 = 0.5
frmLaluLintas.txtV8 = 7.4
frmLaluLintas.txtV9 = 18.4
frmLaluLintas.txtV10 = 0
frmLaluLintas.txtV11 = 29.5
frmLaluLintas.txtV12 = 0
End Sub

```

### **L-7.10 Form Pilih Tabel (frmPilih)**

```

Private Sub Tb10_Click()
frmBB10.Show
Unload Me
Call MenuMati
End Sub

```

```

Private Sub Tb20_Click()
frmBB20.Show
Unload Me
Call MenuMati
End Sub

```

```

Private Sub Form_Load()
Call Tengah(Me)
End Sub

```

```

Private Sub Tb30_Click()
frmBB30.Show
Unload Me
Call MenuMati
End Sub

```

```

Private Sub Tb40_Click()
frmBB40.Show
Unload Me
Call MenuMati
End Sub

```

```

Private Sub Tb50_Click()
frmBB50.Show
Unload Me
Call MenuMati
End Sub

```

### **L-7.11 Form Analisis *Benkelman Beam* (frmBB10)**

```

Private Sub Form_Unload(Cancel As Integer)
Call MenuHidup
End Sub

```

```

Private Sub TbHitung_Click()
If txtJumlah.Text = "" Then
MsgBox "JUMLAH DATA tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtJumlah.SetFocus
ElseIf txtS1.Text = "" Then
MsgBox "STASIUN tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtS1.SetFocus
ElseIf txtS2.Text = "" Then

```

```

        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS2.SetFocus
    ElseIf txtS3.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS3.SetFocus
    ElseIf txtS4.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS4.SetFocus
    ElseIf txtS5.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS5.SetFocus
    ElseIf txtS6.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS6.SetFocus
    ElseIf txtS7.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS7.SetFocus
    ElseIf txtS8.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS8.SetFocus
    ElseIf txtS9.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS9.SetFocus
    ElseIf txtS10.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS10.SetFocus
    ElseIf txtD1.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD1.SetFocus
    ElseIf txtD2.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD2.SetFocus
    ElseIf txtD3.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD3.SetFocus
    ElseIf txtD4.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD4.SetFocus
    ElseIf txtD5.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD5.SetFocus
    ElseIf txtD6.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD6.SetFocus
    ElseIf txtD7.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD7.SetFocus
    ElseIf txtD8.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD8.SetFocus
    ElseIf txtD9.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD9.SetFocus

```

```

ElseIf txtD10.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD10.SetFocus
ElseIf txtPanjang.Text = "" Then
    MsgBox "PANJANG tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtPanjang.SetFocus
End If
Call hitungDmax2
Call hitungTotalDmax
Call hitungTotalDmax2
Call hitungLendRata
Call hitungDeviiasi
Call hitungLendMewakili
Call hitungFk
End Sub

Sub hitungDmax2()
Dim D1 As Double
Dim D2 As Double
Dim D3 As Double
Dim D4 As Double
Dim D5 As Double
Dim D6 As Double
Dim D7 As Double
Dim D8 As Double
Dim D9 As Double
Dim D10 As Double
D1 = Val(txtD1.Text)
D2 = Val(txtD2.Text)
D3 = Val(txtD3.Text)
D4 = Val(txtD4.Text)
D5 = Val(txtD5.Text)
D6 = Val(txtD6.Text)
D7 = Val(txtD7.Text)
D8 = Val(txtD8.Text)
D9 = Val(txtD9.Text)
D10 = Val(txtD10.Text)
txtDd1 = D1 * D1
txtDd2 = D2 * D2
txtDd3 = D3 * D3
txtDd4 = D4 * D4
txtDd5 = D5 * D5
txtDd6 = D6 * D6
txtDd7 = D7 * D7
txtDd8 = D8 * D8
txtDd9 = D9 * D9
txtDd10 = D10 * D10
End Sub

Sub hitungTotalDmax()
Dim D1 As Double
Dim D2 As Double
Dim D3 As Double
Dim D4 As Double
Dim D5 As Double
Dim D6 As Double
Dim D7 As Double
Dim D8 As Double
Dim D9 As Double
Dim D10 As Double
D1 = Val(txtD1.Text)
D2 = Val(txtD2.Text)
D3 = Val(txtD3.Text)
D4 = Val(txtD4.Text)
D5 = Val(txtD5.Text)
D6 = Val(txtD6.Text)
D7 = Val(txtD7.Text)
D8 = Val(txtD8.Text)
D9 = Val(txtD9.Text)

```

```

D10 = Val(txtD10.Text)
txtDmax = D1 + D2 + D3 + D4 + D5 + D6 + D7 + D8 + D9 + D10
End Sub

Sub hitungTotalDmax2()
Dim Dd1 As Double
Dim Dd2 As Double
Dim Dd3 As Double
Dim Dd4 As Double
Dim Dd5 As Double
Dim Dd6 As Double
Dim Dd7 As Double
Dim Dd8 As Double
Dim Dd9 As Double
Dim Dd10 As Double
Dd1 = Val(txtDd1.Text)
Dd2 = Val(txtDd2.Text)
Dd3 = Val(txtDd3.Text)
Dd4 = Val(txtDd4.Text)
Dd5 = Val(txtDd5.Text)
Dd6 = Val(txtDd6.Text)
Dd7 = Val(txtDd7.Text)
Dd8 = Val(txtDd8.Text)
Dd9 = Val(txtDd9.Text)
Dd10 = Val(txtDd10.Text)
txtDmax2 = Dd1 + Dd2 + Dd3 + Dd4 + Dd5 + Dd6 + Dd7 + Dd8 + Dd9 + Dd10
End Sub

Sub hitungLendRata()
On Error GoTo perangkap
Dim Dmax As Double
Dim Jlh As Double
perangkap:
If Err.Number = 6 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
        Resume
    Resume
Else
    Resume Next
End If
End If
If Err.Number = 11 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
        Resume
    Resume
Else
    Resume Next
End If
End If
Dmax = Val(txtDmax.Text)
Jlh = Val(txtJumlah.Text)
txtRata = Dmax / Jlh
End Sub

Sub hitungDeviasi()
On Error GoTo perangkap
Dim TD As Double
Dim TDd As Double
Dim Data As Double
perangkap:
If Err.Number = 6 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
        Resume
    Resume
Else
    Resume Next
End If
End If

```



```

If Err.Number = 11 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
TD = Val(txtDmax.Text)
TDd = Val(txtDmax2.Text)
Data = Val(txtJumlah.Text)
txtDeviiasi = Sqr(((Data * TDd) - TD ^ 2) / (Data * (Data - 1)))
End Sub

Sub hitungLendMewakili()
Dim Rata As Double
Dim Deviasi As Double
Rata = Val(txtRata.Text)
Deviiasi = Val(txtDeviiasi.Text)
txtMewakili = Rata + Deviasi
End Sub

Sub hitungFk()
On Error GoTo perangkap
Dim Rata As Double
Dim Deviasi As Double
perangkap:
If Err.Number = 6 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
Rata = Val(txtRata.Text)
Deviiasi = Val(txtDeviiasi.Text)
txtFk = (Deviiasi / Rata) * 100
End Sub

Private Sub TbKeluar_Click()
Me.Hide
Call MenuHide
End Sub

Private Sub Form_Load()
Call Tengah(Me)
Call MenuMati
Call BukaDatabase
End Sub

Private Sub TbSimpan_Click()
If txtJumlah.Text = "" Then
    MsgBox "JUMLAH DATA tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtJumlah.SetFocus
Else
    SqlUpdate = "Update in_hasil " _
& " SET Panjang_Jalan='" & txtPanjang.Text & "', " _
& " Lend_Rata='" & txtRata.Text & "', " _
& " Deviasi_Standard='" & txtDeviiasi.Text & "', " _
& " Lend_Wakil='" & txtMewakili.Text & "', " _
& " Fk='" & txtFk.Text & "'"
KoneksiDB.Execute SqlUpdate, , adCmdText
Rs_Hasil.Requery
Call Form_Load
MsgBox "DATA TELAH TERSIMPAN!", _
vbOKOnly + vbInformation, "Sukses"
End If

```

```
End Sub
```

### **L-7.12 Form Analisis *Benkelman Beam* (frmBB20)**

```
Private Sub Form_Unload(Cancel As Integer)
    Call MenuHidup
End Sub

Private Sub TbHitung_Click()
If txtJumlah.Text = "" Then
    MsgBox "JUMLAH DATA tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtJumlah.SetFocus
ElseIf txtS1.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS1.SetFocus
ElseIf txtS2.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS2.SetFocus
ElseIf txtS3.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS3.SetFocus
ElseIf txtS4.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS4.SetFocus
ElseIf txtS5.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS5.SetFocus
ElseIf txtS6.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS6.SetFocus
ElseIf txtS7.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS7.SetFocus
ElseIf txtS8.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS8.SetFocus
ElseIf txtS9.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS9.SetFocus
ElseIf txtS10.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS10.SetFocus
ElseIf txtS11.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS11.SetFocus
ElseIf txtS12.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS12.SetFocus
ElseIf txtS13.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS13.SetFocus
ElseIf txtS14.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS14.SetFocus
ElseIf txtS15.Text = "" Then
```

```

        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS15.SetFocus
    ElseIf txtS16.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS16.SetFocus
    ElseIf txtS17.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS17.SetFocus
    ElseIf txtS18.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS18.SetFocus
    ElseIf txtS19.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS19.SetFocus
    ElseIf txtS20.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS20.SetFocus
    ElseIf txtD1.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD1.SetFocus
    ElseIf txtD2.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD2.SetFocus
    ElseIf txtD3.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD3.SetFocus
    ElseIf txtD4.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD4.SetFocus
    ElseIf txtD5.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD5.SetFocus
    ElseIf txtD6.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD6.SetFocus
    ElseIf txtD7.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD7.SetFocus
    ElseIf txtD8.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD8.SetFocus
    ElseIf txtD9.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD9.SetFocus
    ElseIf txtD10.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD10.SetFocus
    ElseIf txtD11.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD11.SetFocus
    ElseIf txtD12.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD12.SetFocus

```

```

ElseIf txtD13.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD13.SetFocus
ElseIf txtD14.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD14.SetFocus
ElseIf txtD15.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD15.SetFocus
ElseIf txtD16.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD16.SetFocus
ElseIf txtD17.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD17.SetFocus
ElseIf txtD18.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD18.SetFocus
ElseIf txtD19.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD19.SetFocus
ElseIf txtD20.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD20.SetFocus
ElseIf txtPanjang.Text = "" Then
    MsgBox "PANJANG tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtPanjang.SetFocus
End If
Call hitungDmax2
Call hitungTotalDmax
Call hitungTotalDmax2
Call hitungLendRata
Call hitungDeviiasi
Call hitungLendMewakili
Call hitungFk
End Sub

Sub hitungDmax2 ()
Dim D1 As Double
Dim D2 As Double
Dim D3 As Double
Dim D4 As Double
Dim D5 As Double
Dim D6 As Double
Dim D7 As Double
Dim D8 As Double
Dim D9 As Double
Dim D10 As Double
Dim D11 As Double
Dim D12 As Double
Dim D13 As Double
Dim D14 As Double
Dim D15 As Double
Dim D16 As Double
Dim D17 As Double
Dim D18 As Double
Dim D19 As Double
Dim D20 As Double
D1 = Val(txtD1.Text)
D2 = Val(txtD2.Text)
D3 = Val(txtD3.Text)
D4 = Val(txtD4.Text)

```

```
D5 = Val(txtD5.Text)
D6 = Val(txtD6.Text)
D7 = Val(txtD7.Text)
D8 = Val(txtD8.Text)
D9 = Val(txtD9.Text)
D10 = Val(txtD10.Text)
D11 = Val(txtD11.Text)
D12 = Val(txtD12.Text)
D13 = Val(txtD13.Text)
D14 = Val(txtD14.Text)
D15 = Val(txtD15.Text)
D16 = Val(txtD16.Text)
D17 = Val(txtD17.Text)
D18 = Val(txtD18.Text)
D19 = Val(txtD19.Text)
D20 = Val(txtD20.Text)
txtDd1 = D1 * D1
txtDd2 = D2 * D2
txtDd3 = D3 * D3
txtDd4 = D4 * D4
txtDd5 = D5 * D5
txtDd6 = D6 * D6
txtDd7 = D7 * D7
txtDd8 = D8 * D8
txtDd9 = D9 * D9
txtDd10 = D10 * D10
txtDd11 = D11 * D11
txtDd12 = D12 * D12
txtDd13 = D13 * D13
txtDd14 = D14 * D14
txtDd15 = D15 * D15
txtDd16 = D16 * D16
txtDd17 = D17 * D17
txtDd18 = D18 * D18
txtDd19 = D19 * D19
txtDd20 = D20 * D20
End Sub

Sub hitungTotalDmax()
Dim D1 As Double
Dim D2 As Double
Dim D3 As Double
Dim D4 As Double
Dim D5 As Double
Dim D6 As Double
Dim D7 As Double
Dim D8 As Double
Dim D9 As Double
Dim D10 As Double
Dim D11 As Double
Dim D12 As Double
Dim D13 As Double
Dim D14 As Double
Dim D15 As Double
Dim D16 As Double
Dim D17 As Double
Dim D18 As Double
Dim D19 As Double
Dim D20 As Double
D1 = Val(txtD1.Text)
D2 = Val(txtD2.Text)
D3 = Val(txtD3.Text)
D4 = Val(txtD4.Text)
D5 = Val(txtD5.Text)
D6 = Val(txtD6.Text)
D7 = Val(txtD7.Text)
D8 = Val(txtD8.Text)
D9 = Val(txtD9.Text)
D10 = Val(txtD10.Text)
D11 = Val(txtD11.Text)
D12 = Val(txtD12.Text)
```

```

D13 = Val(txtD13.Text)
D14 = Val(txtD14.Text)
D15 = Val(txtD15.Text)
D16 = Val(txtD16.Text)
D17 = Val(txtD17.Text)
D18 = Val(txtD18.Text)
D19 = Val(txtD19.Text)
D20 = Val(txtD20.Text)
txtDmax = D1 + D2 + D3 + D4 + D5 + D6 + D7 + D8 + D9 + D10 + D11 + D12 + D13 +
D14 + D15 + D16 + D17 + D18 + D19 + D20
End Sub

```

```

Sub hitungTotalDmax2()
Dim Dd1 As Double
Dim Dd2 As Double
Dim Dd3 As Double
Dim Dd4 As Double
Dim Dd5 As Double
Dim Dd6 As Double
Dim Dd7 As Double
Dim Dd8 As Double
Dim Dd9 As Double
Dim Dd10 As Double
Dim Dd11 As Double
Dim Dd12 As Double
Dim Dd13 As Double
Dim Dd14 As Double
Dim Dd15 As Double
Dim Dd16 As Double
Dim Dd17 As Double
Dim Dd18 As Double
Dim Dd19 As Double
Dim Dd20 As Double
Dd1 = Val(txtDd1.Text)
Dd2 = Val(txtDd2.Text)
Dd3 = Val(txtDd3.Text)
Dd4 = Val(txtDd4.Text)
Dd5 = Val(txtDd5.Text)
Dd6 = Val(txtDd6.Text)
Dd7 = Val(txtDd7.Text)
Dd8 = Val(txtDd8.Text)
Dd9 = Val(txtDd9.Text)
Dd10 = Val(txtDd10.Text)
Dd11 = Val(txtDd11.Text)
Dd12 = Val(txtDd12.Text)
Dd13 = Val(txtDd13.Text)
Dd14 = Val(txtDd14.Text)
Dd15 = Val(txtDd15.Text)
Dd16 = Val(txtDd16.Text)
Dd17 = Val(txtDd17.Text)
Dd18 = Val(txtDd18.Text)
Dd19 = Val(txtDd19.Text)
Dd20 = Val(txtDd20.Text)
txtDmax2 = Dd1 + Dd2 + Dd3 + Dd4 + Dd5 + Dd6 + Dd7 + Dd8 + Dd9 + Dd10 + Dd11 +
Dd12 + Dd13 + Dd14 + Dd15 + Dd16 + Dd17 + Dd18 + Dd19 + Dd20
End Sub

```

```

Sub hitungLendRata()
On Error GoTo perangkap
Dim Dmax As Double
Dim Jlh As Double
perangkap:
If Err.Number = 6 Then
Msg = "Masukkan Data dengan benar"
If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If

```

```

If Err.Number = 11 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
Dmax = Val(txtDmax.Text)
Jlh = Val(txtJumlah.Text)
txtRata = Dmax / Jlh
End Sub

Sub hitungDeviasi()
On Error GoTo perangkap
Dim TD As Double
Dim TDd As Double
Dim Data As Double
perangkap:
If Err.Number = 6 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
If Err.Number = 11 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
TD = Val(txtDmax.Text)
TDd = Val(txtDmax2.Text)
Data = Val(txtJumlah.Text)
txtDeviasi = Sqr(((Data * TDd) - TD ^ 2) / (Data * (Data - 1)))
End Sub

Sub hitungLendMewakili()
Dim Rata As Double
Dim Deviasi As Double
Rata = Val(txtRata.Text)
Deviasi = Val(txtDeviasi.Text)
txtMewakili = Rata + Deviasi
End Sub

Sub hitungFk()
On Error GoTo perangkap
Dim Rata As Double
Dim Deviasi As Double
perangkap:
If Err.Number = 6 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
Rata = Val(txtRata.Text)
Deviasi = Val(txtDeviasi.Text)
txtFk = (Deviasi / Rata) * 100
End Sub

```

```

Private Sub TbKeluar_Click()
Me.Hide
Call MenuHide
End Sub

Private Sub Form_Load()
Call Tengah(Me)
Call MenuMati
Call BukaDatabase
End Sub

Private Sub TbSimpan_Click()
If txtJumlah.Text = "" Then
MsgBox "JUMLAH DATA tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtJumlah.SetFocus
Else
SqlUpdate = "Update in_hasil " _
& " SET Panjang_Jalan='" & txtPanjang.Text & "', " _
& " Lend_Rata='" & txtRata.Text & "', " _
& " Deviasi_Standard='" & txtDeviasi.Text & "', " _
& " Lend_Wakil='" & txtMewakili.Text & "', " _
& " Fk='" & txtFk.Text & "'"
KoneksiDB.Execute SqlUpdate, , adCmdText
Rs_Hasil.Requery
Call Form_Load
MsgBox "DATA TELAH TERSIMPAN!", _
vbInformation + vbOKOnly, "Perhatian"
End If
End Sub

```

### L-7.13 Form Analisis *Benkelman Beam* (frmBB30)

```

Private Sub Form_Unload(Cancel As Integer)
Call MenuHidup
End Sub

Private Sub TbHitung_Click()
If txtJumlah.Text = "" Then
MsgBox "JUMLAH DATA tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtJumlah.SetFocus
ElseIf txtS1.Text = "" Then
MsgBox "STASIUN tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtS1.SetFocus
ElseIf txtS2.Text = "" Then
MsgBox "STASIUN tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtS2.SetFocus
ElseIf txtS3.Text = "" Then
MsgBox "STASIUN tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtS3.SetFocus
ElseIf txtS4.Text = "" Then
MsgBox "STASIUN tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtS4.SetFocus
ElseIf txtS5.Text = "" Then
MsgBox "STASIUN tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtS5.SetFocus
ElseIf txtS6.Text = "" Then
MsgBox "STASIUN tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtS6.SetFocus
ElseIf txtS7.Text = "" Then
MsgBox "STASIUN tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtS7.SetFocus

```



```
ElseIf txtS8.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS8.SetFocus
ElseIf txtS9.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS9.SetFocus
ElseIf txtS10.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS10.SetFocus
ElseIf txtS11.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS11.SetFocus
ElseIf txtS12.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS12.SetFocus
ElseIf txtS13.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS13.SetFocus
ElseIf txtS14.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS14.SetFocus
ElseIf txtS15.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS15.SetFocus
ElseIf txtS16.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS16.SetFocus
ElseIf txtS17.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS17.SetFocus
ElseIf txtS18.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS18.SetFocus
ElseIf txtS19.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS19.SetFocus
ElseIf txtS20.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS20.SetFocus
ElseIf txtS21.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS21.SetFocus
ElseIf txtS22.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS22.SetFocus
ElseIf txtS23.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS23.SetFocus
ElseIf txtS24.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS24.SetFocus
ElseIf txtS25.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
```

```

        txtS25.SetFocus
    ElseIf txtS26.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS26.SetFocus
    ElseIf txtS27.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS27.SetFocus
    ElseIf txtS28.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS28.SetFocus
    ElseIf txtS29.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS29.SetFocus
    ElseIf txtS30.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS30.SetFocus
    ElseIf txtD1.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD1.SetFocus
    ElseIf txtD2.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD2.SetFocus
    ElseIf txtD3.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD3.SetFocus
    ElseIf txtD4.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD4.SetFocus
    ElseIf txtD5.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD5.SetFocus
    ElseIf txtD6.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD6.SetFocus
    ElseIf txtD7.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD7.SetFocus
    ElseIf txtD8.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD8.SetFocus
    ElseIf txtD9.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD9.SetFocus
    ElseIf txtD10.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD10.SetFocus
    ElseIf txtD11.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD11.SetFocus
    ElseIf txtD12.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD12.SetFocus
    ElseIf txtD13.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _

```

```

        vbInformation + vbOKOnly, "Perhatian"
        txtD13.SetFocus
    ElseIf txtD14.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD14.SetFocus
    ElseIf txtD15.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD15.SetFocus
    ElseIf txtD16.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD16.SetFocus
    ElseIf txtD17.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD17.SetFocus
    ElseIf txtD18.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD18.SetFocus
    ElseIf txtD19.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD19.SetFocus
    ElseIf txtD20.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD20.SetFocus
    ElseIf txtD21.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD21.SetFocus
    ElseIf txtD22.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD22.SetFocus
    ElseIf txtD23.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD23.SetFocus
    ElseIf txtD24.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD24.SetFocus
    ElseIf txtD25.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD25.SetFocus
    ElseIf txtD26.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD26.SetFocus
    ElseIf txtD27.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD27.SetFocus
    ElseIf txtD28.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD28.SetFocus
    ElseIf txtD29.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD29.SetFocus
    ElseIf txtD30.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD30.SetFocus
    ElseIf txtPanjang.Text = "" Then

```

```

                MsgBox "PANJANG tidak boleh kosong!", _
                    vbInformation + vbOKOnly, "Perhatian"
                txtPanjang.SetFocus
            End If
            Call hitungDmax2
            Call hitungTotalDmax
            Call hitungTotalDmax2
            Call hitungLendRata
            Call hitungDeviasi
            Call hitungLendMewakili
            Call hitungFk
        End Sub

        Sub hitungDmax2 ()
            Dim D1 As Double
            Dim D2 As Double
            Dim D3 As Double
            Dim D4 As Double
            Dim D5 As Double
            Dim D6 As Double
            Dim D7 As Double
            Dim D8 As Double
            Dim D9 As Double
            Dim D10 As Double
            Dim D11 As Double
            Dim D12 As Double
            Dim D13 As Double
            Dim D14 As Double
            Dim D15 As Double
            Dim D16 As Double
            Dim D17 As Double
            Dim D18 As Double
            Dim D19 As Double
            Dim D20 As Double
            Dim D21 As Double
            Dim D22 As Double
            Dim D23 As Double
            Dim D24 As Double
            Dim D25 As Double
            Dim D26 As Double
            Dim D27 As Double
            Dim D28 As Double
            Dim D29 As Double
            Dim D30 As Double
            D1 = Val (txtD1.Text)
            D2 = Val (txtD2.Text)
            D3 = Val (txtD3.Text)
            D4 = Val (txtD4.Text)
            D5 = Val (txtD5.Text)
            D6 = Val (txtD6.Text)
            D7 = Val (txtD7.Text)
            D8 = Val (txtD8.Text)
            D9 = Val (txtD9.Text)
            D10 = Val (txtD10.Text)
            D11 = Val (txtD11.Text)
            D12 = Val (txtD12.Text)
            D13 = Val (txtD13.Text)
            D14 = Val (txtD14.Text)
            D15 = Val (txtD15.Text)
            D16 = Val (txtD16.Text)
            D17 = Val (txtD17.Text)
            D18 = Val (txtD18.Text)
            D19 = Val (txtD19.Text)
            D20 = Val (txtD20.Text)
            D21 = Val (txtD21.Text)
            D22 = Val (txtD22.Text)
            D23 = Val (txtD23.Text)
            D24 = Val (txtD24.Text)
            D25 = Val (txtD25.Text)
            D26 = Val (txtD26.Text)
            D27 = Val (txtD27.Text)

```

```
D28 = Val(txtD28.Text)
D29 = Val(txtD29.Text)
D30 = Val(txtD30.Text)
txtDd1 = D1 * D1
txtDd2 = D2 * D2
txtDd3 = D3 * D3
txtDd4 = D4 * D4
txtDd5 = D5 * D5
txtDd6 = D6 * D6
txtDd7 = D7 * D7
txtDd8 = D8 * D8
txtDd9 = D9 * D9
txtDd10 = D10 * D10
txtDd11 = D11 * D11
txtDd12 = D12 * D12
txtDd13 = D13 * D13
txtDd14 = D14 * D14
txtDd15 = D15 * D15
txtDd16 = D16 * D16
txtDd17 = D17 * D17
txtDd18 = D18 * D18
txtDd19 = D19 * D19
txtDd20 = D20 * D20
txtDd21 = D21 * D21
txtDd22 = D22 * D22
txtDd23 = D23 * D23
txtDd24 = D24 * D24
txtDd25 = D25 * D25
txtDd26 = D26 * D26
txtDd27 = D27 * D27
txtDd28 = D28 * D28
txtDd29 = D29 * D29
txtDd30 = D30 * D30
End Sub

Sub hitungTotalDmax()
Dim D1 As Double
Dim D2 As Double
Dim D3 As Double
Dim D4 As Double
Dim D5 As Double
Dim D6 As Double
Dim D7 As Double
Dim D8 As Double
Dim D9 As Double
Dim D10 As Double
Dim D11 As Double
Dim D12 As Double
Dim D13 As Double
Dim D14 As Double
Dim D15 As Double
Dim D16 As Double
Dim D17 As Double
Dim D18 As Double
Dim D19 As Double
Dim D20 As Double
Dim D21 As Double
Dim D22 As Double
Dim D23 As Double
Dim D24 As Double
Dim D25 As Double
Dim D26 As Double
Dim D27 As Double
Dim D28 As Double
Dim D29 As Double
Dim D30 As Double
D1 = Val(txtD1.Text)
D2 = Val(txtD2.Text)
D3 = Val(txtD3.Text)
D4 = Val(txtD4.Text)
D5 = Val(txtD5.Text)
```

```

D6 = Val(txtD6.Text)
D7 = Val(txtD7.Text)
D8 = Val(txtD8.Text)
D9 = Val(txtD9.Text)
D10 = Val(txtD10.Text)
D11 = Val(txtD11.Text)
D12 = Val(txtD12.Text)
D13 = Val(txtD13.Text)
D14 = Val(txtD14.Text)
D15 = Val(txtD15.Text)
D16 = Val(txtD16.Text)
D17 = Val(txtD17.Text)
D18 = Val(txtD18.Text)
D19 = Val(txtD19.Text)
D20 = Val(txtD20.Text)
D21 = Val(txtD21.Text)
D22 = Val(txtD22.Text)
D23 = Val(txtD23.Text)
D24 = Val(txtD24.Text)
D25 = Val(txtD25.Text)
D26 = Val(txtD26.Text)
D27 = Val(txtD27.Text)
D28 = Val(txtD28.Text)
D29 = Val(txtD29.Text)
D30 = Val(txtD30.Text)
txtDmax = D1 + D2 + D3 + D4 + D5 + D6 + D7 + D8 + D9 + D10 + D11 + D12 + D13 +
D14 + D15 + D16 + D17 + D18 + D19 + D20 + D21 + D22 + D23 + D24 + D25 + D26 +
D27 + D28 + D29 + D30
End Sub

Sub hitungTotalDmax2()
Dim Dd1 As Double
Dim Dd2 As Double
Dim Dd3 As Double
Dim Dd4 As Double
Dim Dd5 As Double
Dim Dd6 As Double
Dim Dd7 As Double
Dim Dd8 As Double
Dim Dd9 As Double
Dim Dd10 As Double
Dim Dd11 As Double
Dim Dd12 As Double
Dim Dd13 As Double
Dim Dd14 As Double
Dim Dd15 As Double
Dim Dd16 As Double
Dim Dd17 As Double
Dim Dd18 As Double
Dim Dd19 As Double
Dim Dd20 As Double
Dim Dd21 As Double
Dim Dd22 As Double
Dim Dd23 As Double
Dim Dd24 As Double
Dim Dd25 As Double
Dim Dd26 As Double
Dim Dd27 As Double
Dim Dd28 As Double
Dim Dd29 As Double
Dim Dd30 As Double
Dd1 = Val(txtDd1.Text)
Dd2 = Val(txtDd2.Text)
Dd3 = Val(txtDd3.Text)
Dd4 = Val(txtDd4.Text)
Dd5 = Val(txtDd5.Text)
Dd6 = Val(txtDd6.Text)
Dd7 = Val(txtDd7.Text)
Dd8 = Val(txtDd8.Text)
Dd9 = Val(txtDd9.Text)
Dd10 = Val(txtDd10.Text)

```

```

Dd11 = Val(txtDd11.Text)
Dd12 = Val(txtDd12.Text)
Dd13 = Val(txtDd13.Text)
Dd14 = Val(txtDd14.Text)
Dd15 = Val(txtDd15.Text)
Dd16 = Val(txtDd16.Text)
Dd17 = Val(txtDd17.Text)
Dd18 = Val(txtDd18.Text)
Dd19 = Val(txtDd19.Text)
Dd20 = Val(txtDd20.Text)
Dd21 = Val(txtDd21.Text)
Dd22 = Val(txtDd22.Text)
Dd23 = Val(txtDd23.Text)
Dd24 = Val(txtDd24.Text)
Dd25 = Val(txtDd25.Text)
Dd26 = Val(txtDd26.Text)
Dd27 = Val(txtDd27.Text)
Dd28 = Val(txtDd28.Text)
Dd29 = Val(txtDd29.Text)
Dd30 = Val(txtDd30.Text)
txtDmax2 = Dd1 + Dd2 + Dd3 + Dd4 + Dd5 + Dd6 + Dd7 + Dd8 + Dd9 + Dd10 + Dd11 +
Dd12 + Dd13 + Dd14 + Dd15 + Dd16 + Dd17 + Dd18 + Dd19 + Dd20 + Dd21 + Dd22 +
Dd23 + Dd24 + Dd25 + Dd26 + Dd27 + Dd28 + Dd29 + Dd30
End Sub

```

```

Sub hitungLendRata()
On Error GoTo perangkap
Dim Dmax As Double
Dim Jlh As Double
perangkap:
If Err.Number = 6 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
If Err.Number = 11 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
Dmax = Val(txtDmax.Text)
Jlh = Val(txtJumlah.Text)
txtRata = Dmax / Jlh
End Sub

```

```

Sub hitungDeviasi()
On Error GoTo perangkap
Dim TD As Double
Dim TDd As Double
Dim Data As Double
perangkap:
If Err.Number = 6 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
If Err.Number = 11 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then

```

```

Resume
Resume
Else
Resume Next
End If
End If
TD = Val(txtDmax.Text)
TDd = Val(txtDmax2.Text)
Data = Val(txtJumlah.Text)
txtDeviasi = Sqr(((Data * TDd) - TD ^ 2) / (Data * (Data - 1)))
End Sub

Sub hitungLendMewakili()
Dim Rata As Double
Dim Deviasi As Double
Rata = Val(txtRata.Text)
Deviasi = Val(txtDeviasi.Text)
txtMewakili = Rata + Deviasi
End Sub

Sub hitungFk()
On Error GoTo perangkap
Dim Rata As Double
Dim Deviasi As Double
perangkap:
If Err.Number = 6 Then
Msg = "Masukkan Data dengan benar"
If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
Rata = Val(txtRata.Text)
Deviasi = Val(txtDeviasi.Text)
txtFk = (Deviasi / Rata) * 100
End Sub

Private Sub TbKeluar_Click()
Me.Hide
Call MenuHide
End Sub

Private Sub Form_Load()
Call Tengah(Me)
Call MenuMati
Call BukaDatabase
End Sub

Private Sub TbSimpan_Click()
If txtJumlah.Text = "" Then
MsgBox "JUMLAH DATA tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtJumlah.SetFocus
Else
SqlUpdate = "Update in_hasil " _
& " SET Panjang_Jalan='" & txtPanjang.Text & "', " _
& " Lend_Rata='" & txtRata.Text & "', " _
& " Deviasi_Standard='" & txtDeviasi.Text & "', " _
& " Lend_Wakil='" & txtMewakili.Text & "', " _
& " Fk='" & txtFk.Text & "'"
KoneksiDB.Execute SqlUpdate, , adCmdText
Rs_Hasil.Requery
Call Form_Load
MsgBox "DATA TELAH TERSIMPAN!", _
vbOKOnly + vbInformation, "Sukses"
End If
End Sub

```



### L-7.14 Form Analisis *Benkelman Beam* (frmBB40)

```

Private Sub Form_Unload(Cancel As Integer)
    Call MenuHidup
End Sub

Private Sub TbHitung_Click()
If txtJumlah.Text = "" Then
    MsgBox "JUMLAH DATA tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtJumlah.SetFocus
ElseIf txtS1.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS1.SetFocus
ElseIf txtS2.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS2.SetFocus
ElseIf txtS3.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS3.SetFocus
ElseIf txtS4.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS4.SetFocus
ElseIf txtS5.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS5.SetFocus
ElseIf txtS6.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS6.SetFocus
ElseIf txtS7.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS7.SetFocus
ElseIf txtS8.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS8.SetFocus
ElseIf txtS9.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS9.SetFocus
ElseIf txtS10.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS10.SetFocus
ElseIf txtS11.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS11.SetFocus
ElseIf txtS12.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS12.SetFocus
ElseIf txtS13.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS13.SetFocus
ElseIf txtS14.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS14.SetFocus
ElseIf txtS15.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"

```

```

        txtS15.SetFocus
    ElseIf txtS16.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS16.SetFocus
    ElseIf txtS17.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS17.SetFocus
    ElseIf txtS18.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS18.SetFocus
    ElseIf txtS19.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS19.SetFocus
    ElseIf txtS20.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS20.SetFocus
    ElseIf txtS21.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS21.SetFocus
    ElseIf txtS22.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS22.SetFocus
    ElseIf txtS23.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS23.SetFocus
    ElseIf txtS24.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS24.SetFocus
    ElseIf txtS25.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS25.SetFocus
    ElseIf txtS26.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS26.SetFocus
    ElseIf txtS27.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS27.SetFocus
    ElseIf txtS28.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS28.SetFocus
    ElseIf txtS29.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS19.SetFocus
    ElseIf txtS30.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS30.SetFocus
    ElseIf txtS31.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS31.SetFocus
    ElseIf txtS32.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS32.SetFocus
    ElseIf txtS33.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _

```

```

        vbInformation + vbOKOnly, "Perhatian"
        txtS33.SetFocus
    ElseIf txtS34.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS34.SetFocus
    ElseIf txtS35.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS35.SetFocus
    ElseIf txtS36.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS36.SetFocus
    ElseIf txtS37.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS37.SetFocus
    ElseIf txtS38.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS38.SetFocus
    ElseIf txtS39.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS39.SetFocus
    ElseIf txtS40.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS40.SetFocus
    ElseIf txtD1.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD1.SetFocus
    ElseIf txtD2.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD2.SetFocus
    ElseIf txtD3.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD3.SetFocus
    ElseIf txtD4.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD4.SetFocus
    ElseIf txtD5.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD5.SetFocus
    ElseIf txtD6.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD6.SetFocus
    ElseIf txtD7.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD7.SetFocus
    ElseIf txtD8.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD8.SetFocus
    ElseIf txtD9.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD9.SetFocus
    ElseIf txtD10.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD10.SetFocus
    ElseIf txtD11.Text = "" Then

```

```

        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD11.SetFocus
    ElseIf txtD12.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD12.SetFocus
    ElseIf txtD13.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD13.SetFocus
    ElseIf txtD14.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD14.SetFocus
    ElseIf txtD15.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD15.SetFocus
    ElseIf txtD16.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD16.SetFocus
    ElseIf txtD17.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD17.SetFocus
    ElseIf txtD18.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD18.SetFocus
    ElseIf txtD19.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD19.SetFocus
    ElseIf txtD20.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD20.SetFocus
    ElseIf txtD21.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD21.SetFocus
    ElseIf txtD22.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD22.SetFocus
    ElseIf txtD23.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD23.SetFocus
    ElseIf txtD24.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD24.SetFocus
    ElseIf txtD25.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD25.SetFocus
    ElseIf txtD26.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD26.SetFocus
    ElseIf txtD27.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD27.SetFocus
    ElseIf txtD28.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD28.SetFocus

```

```

ElseIf txtD29.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD29.SetFocus
ElseIf txtD30.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD30.SetFocus
ElseIf txtD31.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD31.SetFocus
ElseIf txtD32.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD32.SetFocus
ElseIf txtD33.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD33.SetFocus
ElseIf txtD34.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD34.SetFocus
ElseIf txtD35.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD35.SetFocus
ElseIf txtD36.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD36.SetFocus
ElseIf txtD37.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD37.SetFocus
ElseIf txtD38.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD38.SetFocus
ElseIf txtD39.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD39.SetFocus
ElseIf txtD40.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD40.SetFocus
ElseIf txtPanjang.Text = "" Then
    MsgBox "PANJANG tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtPanjang.SetFocus
End If
Call hitungDmax2
Call hitungTotalDmax
Call hitungTotalDmax2
Call hitungLendRata
Call hitungDeviasi
Call hitungLendMewakili
Call hitungFk
End Sub

Sub hitungDmax2 ()
Dim D1 As Double
Dim D2 As Double
Dim D3 As Double
Dim D4 As Double
Dim D5 As Double
Dim D6 As Double
Dim D7 As Double
Dim D8 As Double

```

```
Dim D9 As Double
Dim D10 As Double
Dim D11 As Double
Dim D12 As Double
Dim D13 As Double
Dim D14 As Double
Dim D15 As Double
Dim D16 As Double
Dim D17 As Double
Dim D18 As Double
Dim D19 As Double
Dim D20 As Double
Dim D21 As Double
Dim D22 As Double
Dim D23 As Double
Dim D24 As Double
Dim D25 As Double
Dim D26 As Double
Dim D27 As Double
Dim D28 As Double
Dim D29 As Double
Dim D30 As Double
Dim D31 As Double
Dim D32 As Double
Dim D33 As Double
Dim D34 As Double
Dim D35 As Double
Dim D36 As Double
Dim D37 As Double
Dim D38 As Double
Dim D39 As Double
Dim D40 As Double
D1 = Val(txtD1.Text)
D2 = Val(txtD2.Text)
D3 = Val(txtD3.Text)
D4 = Val(txtD4.Text)
D5 = Val(txtD5.Text)
D6 = Val(txtD6.Text)
D7 = Val(txtD7.Text)
D8 = Val(txtD8.Text)
D9 = Val(txtD9.Text)
D10 = Val(txtD10.Text)
D11 = Val(txtD11.Text)
D12 = Val(txtD12.Text)
D13 = Val(txtD13.Text)
D14 = Val(txtD14.Text)
D15 = Val(txtD15.Text)
D16 = Val(txtD16.Text)
D17 = Val(txtD17.Text)
D18 = Val(txtD18.Text)
D19 = Val(txtD19.Text)
D20 = Val(txtD20.Text)
D21 = Val(txtD21.Text)
D22 = Val(txtD22.Text)
D23 = Val(txtD23.Text)
D24 = Val(txtD24.Text)
D25 = Val(txtD25.Text)
D26 = Val(txtD26.Text)
D27 = Val(txtD27.Text)
D28 = Val(txtD28.Text)
D29 = Val(txtD29.Text)
D30 = Val(txtD30.Text)
D31 = Val(txtD31.Text)
D32 = Val(txtD32.Text)
D33 = Val(txtD33.Text)
D34 = Val(txtD34.Text)
D35 = Val(txtD35.Text)
D36 = Val(txtD36.Text)
D37 = Val(txtD37.Text)
D38 = Val(txtD38.Text)
D39 = Val(txtD39.Text)
```

```
D40 = Val(txtD40.Text)
txtDd1 = D1 * D1
txtDd2 = D2 * D2
txtDd3 = D3 * D3
txtDd4 = D4 * D4
txtDd5 = D5 * D5
txtDd6 = D6 * D6
txtDd7 = D7 * D7
txtDd8 = D8 * D8
txtDd9 = D9 * D9
txtDd10 = D10 * D10
txtDd11 = D11 * D11
txtDd12 = D12 * D12
txtDd13 = D13 * D13
txtDd14 = D14 * D14
txtDd15 = D15 * D15
txtDd16 = D16 * D16
txtDd17 = D17 * D17
txtDd18 = D18 * D18
txtDd19 = D19 * D19
txtDd20 = D20 * D20
txtDd21 = D21 * D21
txtDd22 = D22 * D22
txtDd23 = D23 * D23
txtDd24 = D24 * D24
txtDd25 = D25 * D25
txtDd26 = D26 * D26
txtDd27 = D27 * D27
txtDd28 = D28 * D28
txtDd29 = D29 * D29
txtDd30 = D30 * D30
txtDd31 = D31 * D31
txtDd32 = D32 * D32
txtDd33 = D33 * D33
txtDd34 = D34 * D34
txtDd35 = D35 * D35
txtDd36 = D36 * D36
txtDd37 = D37 * D37
txtDd38 = D38 * D38
txtDd39 = D39 * D39
txtDd40 = D40 * D40
End Sub
Sub hitungTotalDmax()
Dim D1 As Double
Dim D2 As Double
Dim D3 As Double
Dim D4 As Double
Dim D5 As Double
Dim D6 As Double
Dim D7 As Double
Dim D8 As Double
Dim D9 As Double
Dim D10 As Double
Dim D11 As Double
Dim D12 As Double
Dim D13 As Double
Dim D14 As Double
Dim D15 As Double
Dim D16 As Double
Dim D17 As Double
Dim D18 As Double
Dim D19 As Double
Dim D20 As Double
Dim D21 As Double
Dim D22 As Double
Dim D23 As Double
Dim D24 As Double
Dim D25 As Double
Dim D26 As Double
Dim D27 As Double
Dim D28 As Double
```

```

Dim D29 As Double
Dim D30 As Double
Dim D31 As Double
Dim D32 As Double
Dim D33 As Double
Dim D34 As Double
Dim D35 As Double
Dim D36 As Double
Dim D37 As Double
Dim D38 As Double
Dim D39 As Double
Dim D40 As Double
D1 = Val(txtD1.Text)
D2 = Val(txtD2.Text)
D3 = Val(txtD3.Text)
D4 = Val(txtD4.Text)
D5 = Val(txtD5.Text)
D6 = Val(txtD6.Text)
D7 = Val(txtD7.Text)
D8 = Val(txtD8.Text)
D9 = Val(txtD9.Text)
D10 = Val(txtD10.Text)
D11 = Val(txtD11.Text)
D12 = Val(txtD12.Text)
D13 = Val(txtD13.Text)
D14 = Val(txtD14.Text)
D15 = Val(txtD15.Text)
D16 = Val(txtD16.Text)
D17 = Val(txtD17.Text)
D18 = Val(txtD18.Text)
D19 = Val(txtD19.Text)
D20 = Val(txtD20.Text)
D21 = Val(txtD21.Text)
D22 = Val(txtD22.Text)
D23 = Val(txtD23.Text)
D24 = Val(txtD24.Text)
D25 = Val(txtD25.Text)
D26 = Val(txtD26.Text)
D27 = Val(txtD27.Text)
D28 = Val(txtD28.Text)
D29 = Val(txtD29.Text)
D30 = Val(txtD30.Text)
D31 = Val(txtD31.Text)
D32 = Val(txtD32.Text)
D33 = Val(txtD33.Text)
D34 = Val(txtD34.Text)
D35 = Val(txtD35.Text)
D36 = Val(txtD36.Text)
D37 = Val(txtD37.Text)
D38 = Val(txtD38.Text)
D39 = Val(txtD39.Text)
D40 = Val(txtD40.Text)
txtDmax = D1 + D2 + D3 + D4 + D5 + D6 + D7 + D8 + D9 + D10 + D11 + D12 + D13 +
D14 + D15 + D16 + D17 + D18 + D19 + D20 + D21 + D22 + D23 + D24 + D25 + D26 +
D27 + D28 + D29 + D30 + D31 + D32 + D33 + D34 + D35 + D36 + D37 + D38 + D39 +
D40
End Sub

Sub hitungTotalDmax2()
Dim Dd1 As Double
Dim Dd2 As Double
Dim Dd3 As Double
Dim Dd4 As Double
Dim Dd5 As Double
Dim Dd6 As Double
Dim Dd7 As Double
Dim Dd8 As Double
Dim Dd9 As Double
Dim Dd10 As Double
Dim Dd11 As Double
Dim Dd12 As Double

```



```
Dim Dd13 As Double
Dim Dd14 As Double
Dim Dd15 As Double
Dim Dd16 As Double
Dim Dd17 As Double
Dim Dd18 As Double
Dim Dd19 As Double
Dim Dd20 As Double
Dim Dd21 As Double
Dim Dd22 As Double
Dim Dd23 As Double
Dim Dd24 As Double
Dim Dd25 As Double
Dim Dd26 As Double
Dim Dd27 As Double
Dim Dd28 As Double
Dim Dd29 As Double
Dim Dd30 As Double
Dim Dd31 As Double
Dim Dd32 As Double
Dim Dd33 As Double
Dim Dd34 As Double
Dim Dd35 As Double
Dim Dd36 As Double
Dim Dd37 As Double
Dim Dd38 As Double
Dim Dd39 As Double
Dim Dd40 As Double
Dd1 = Val(txtDd1.Text)
Dd2 = Val(txtDd2.Text)
Dd3 = Val(txtDd3.Text)
Dd4 = Val(txtDd4.Text)
Dd5 = Val(txtDd5.Text)
Dd6 = Val(txtDd6.Text)
Dd7 = Val(txtDd7.Text)
Dd8 = Val(txtDd8.Text)
Dd9 = Val(txtDd9.Text)
Dd10 = Val(txtDd10.Text)
Dd11 = Val(txtDd11.Text)
Dd12 = Val(txtDd12.Text)
Dd13 = Val(txtDd13.Text)
Dd14 = Val(txtDd14.Text)
Dd15 = Val(txtDd15.Text)
Dd16 = Val(txtDd16.Text)
Dd17 = Val(txtDd17.Text)
Dd18 = Val(txtDd18.Text)
Dd19 = Val(txtDd19.Text)
Dd20 = Val(txtDd20.Text)
Dd21 = Val(txtDd21.Text)
Dd22 = Val(txtDd22.Text)
Dd23 = Val(txtDd23.Text)
Dd24 = Val(txtDd24.Text)
Dd25 = Val(txtDd25.Text)
Dd26 = Val(txtDd26.Text)
Dd27 = Val(txtDd27.Text)
Dd28 = Val(txtDd28.Text)
Dd29 = Val(txtDd29.Text)
Dd30 = Val(txtDd30.Text)
Dd31 = Val(txtDd31.Text)
Dd32 = Val(txtDd32.Text)
Dd33 = Val(txtDd33.Text)
Dd34 = Val(txtDd34.Text)
Dd35 = Val(txtDd35.Text)
Dd36 = Val(txtDd36.Text)
Dd37 = Val(txtDd37.Text)
Dd38 = Val(txtDd38.Text)
Dd39 = Val(txtDd39.Text)
Dd40 = Val(txtDd40.Text)
txtDmax2 = Dd1 + Dd2 + Dd3 + Dd4 + Dd5 + Dd6 + Dd7 + Dd8 + Dd9 + Dd10 + Dd11 +
Dd12 + Dd13 + Dd14 + Dd15 + Dd16 + Dd17 + Dd18 + Dd19 + Dd20 + Dd21 + Dd22 +
```

```
Dd23 + Dd24 + Dd25 + Dd26 + Dd27 + Dd28 + Dd29 + Dd30 + Dd31 + Dd32 + Dd33 +
Dd34 + Dd35 + Dd36 + Dd37 + Dd38 + Dd39 + Dd40
End Sub
```

```
Sub hitungLendRata()
On Error GoTo perangkap
Dim Dmax As Double
Dim Jlh As Double
perangkap:
If Err.Number = 6 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
If Err.Number = 11 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
Dmax = Val(txtDmax.Text)
Jlh = Val(txtJumlah.Text)
txtRata = Dmax / Jlh
End Sub
```

```
Sub hitungDeviasi()
On Error GoTo perangkap
Dim TD As Double
Dim TDd As Double
Dim Data As Double
perangkap:
If Err.Number = 6 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
If Err.Number = 11 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
TD = Val(txtDmax.Text)
TDd = Val(txtDmax2.Text)
Data = Val(txtJumlah.Text)
txtDeviasi = Sqr(((Data * TDd) - TD ^ 2) / (Data * (Data - 1)))
End Sub
```

```
Sub hitungLendMewakili()
Dim Rata As Double
Dim Deviasi As Double
Rata = Val(txtRata.Text)
Deviasi = Val(txtDeviasi.Text)
txtMewakili = Rata + Deviasi
End Sub
```

```
Sub hitungFk()
```

```

On Error GoTo perangkap
Dim Rata As Double
Dim Deviasi As Double
perangkap:
If Err.Number = 6 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
Rata = Val(txtRata.Text)
Deviasi = Val(txtDeviasi.Text)
txtFk = (Deviasi / Rata) * 100
End Sub

Private Sub TbKeluar_Click()
Me.Hide
Call MenuHide
End Sub

Private Sub Form_Load()
Call Tengah(Me)
Call MenuMati
Call BukaDatabase
End Sub

Private Sub TbSimpan_Click()
If txtJumlah.Text = "" Then
    MsgBox "JUMLAH DATA tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtJumlah.SetFocus
Else
    SqlUpdate = "Update in hasil " _
        & " SET Panjang_Jalan='" & txtPanjang.Text & "', " _
        & " Lend_Rata='" & txtRata.Text & "', " _
        & " Deviasi_Standard='" & txtDeviasi.Text & "', " _
        & " Lend_Wakil='" & txtMewakili.Text & "', " _
        & " Fk='" & txtFk.Text & "'"
    KoneksiDB.Execute SqlUpdate, , adCmdText
    Rs_Hasil.Requery
    Call Form_Load
    MsgBox "DATA TELAH TERSIMPAN!", _
        vbOKOnly + vbInformation, "Sukses"
    End If
End Sub

```

### **L-7.15 Form Analisis *Benkelman Beam* (frmBB50)**

```

Private Sub Form_Unload(Cancel As Integer)
    Call MenuHidup
End Sub

Private Sub TbHitung_Click()
If txtJumlah.Text = "" Then
    MsgBox "JUMLAH DATA tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtJumlah.SetFocus
ElseIf txtS1.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS1.SetFocus
ElseIf txtS2.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS2.SetFocus
ElseIf txtS3.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _

```

```

        vbInformation + vbOKOnly, "Perhatian"
        txtS3.SetFocus
    ElseIf txtS4.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS4.SetFocus
    ElseIf txtS5.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS5.SetFocus
    ElseIf txtS6.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS6.SetFocus
    ElseIf txtS7.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS7.SetFocus
    ElseIf txtS8.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS8.SetFocus
    ElseIf txtS9.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS9.SetFocus
    ElseIf txtS10.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS10.SetFocus
    ElseIf txtS11.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS11.SetFocus
    ElseIf txtS12.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS12.SetFocus
    ElseIf txtS13.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS13.SetFocus
    ElseIf txtS14.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS14.SetFocus
    ElseIf txtS15.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS15.SetFocus
    ElseIf txtS16.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS16.SetFocus
    ElseIf txtS17.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS17.SetFocus
    ElseIf txtS18.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS18.SetFocus
    ElseIf txtS19.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS19.SetFocus
    ElseIf txtS20.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS20.SetFocus
    ElseIf txtS21.Text = "" Then

```

```

        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS21.SetFocus
    ElseIf txtS22.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS22.SetFocus
    ElseIf txtS23.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS23.SetFocus
    ElseIf txtS24.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS24.SetFocus
    ElseIf txtS25.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS25.SetFocus
    ElseIf txtS26.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS26.SetFocus
    ElseIf txtS27.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS27.SetFocus
    ElseIf txtS28.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS28.SetFocus
    ElseIf txtS29.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS19.SetFocus
    ElseIf txtS30.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS30.SetFocus
    ElseIf txtS31.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS31.SetFocus
    ElseIf txtS32.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS32.SetFocus
    ElseIf txtS33.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS33.SetFocus
    ElseIf txtS34.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS34.SetFocus
    ElseIf txtS35.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS35.SetFocus
    ElseIf txtS36.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS36.SetFocus
    ElseIf txtS37.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS37.SetFocus
    ElseIf txtS38.Text = "" Then
        MsgBox "STASIUN tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtS38.SetFocus

```

```

ElseIf txtS39.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS39.SetFocus
ElseIf txtS40.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS40.SetFocus
ElseIf txtS41.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS41.SetFocus
ElseIf txtS42.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS42.SetFocus
ElseIf txtS43.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS43.SetFocus
ElseIf txtS44.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS44.SetFocus
ElseIf txtS45.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS45.SetFocus
ElseIf txtS46.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS46.SetFocus
ElseIf txtS47.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS47.SetFocus
ElseIf txtS48.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS48.SetFocus
ElseIf txtS49.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS49.SetFocus
ElseIf txtS50.Text = "" Then
    MsgBox "STASIUN tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtS50.SetFocus
ElseIf txtD1.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD1.SetFocus
ElseIf txtD2.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD2.SetFocus
ElseIf txtD3.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD3.SetFocus
ElseIf txtD4.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD4.SetFocus
ElseIf txtD5.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"
    txtD5.SetFocus
ElseIf txtD6.Text = "" Then
    MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
        vbInformation + vbOKOnly, "Perhatian"

```

```

        txtD6.SetFocus
    ElseIf txtD7.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD7.SetFocus
    ElseIf txtD8.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD8.SetFocus
    ElseIf txtD9.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD9.SetFocus
    ElseIf txtD10.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD10.SetFocus
    ElseIf txtD11.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD11.SetFocus
    ElseIf txtD12.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD12.SetFocus
    ElseIf txtD13.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD13.SetFocus
    ElseIf txtD14.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD14.SetFocus
    ElseIf txtD15.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD15.SetFocus
    ElseIf txtD16.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD16.SetFocus
    ElseIf txtD17.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD17.SetFocus
    ElseIf txtD18.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD18.SetFocus
    ElseIf txtD19.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD19.SetFocus
    ElseIf txtD20.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD20.SetFocus
    ElseIf txtD21.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD21.SetFocus
    ElseIf txtD22.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD22.SetFocus
    ElseIf txtD23.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD23.SetFocus
    ElseIf txtD24.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _

```

```

        vbInformation + vbOKOnly, "Perhatian"
        txtD24.SetFocus
    ElseIf txtD25.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD25.SetFocus
    ElseIf txtD26.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD26.SetFocus
    ElseIf txtD27.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD27.SetFocus
    ElseIf txtD28.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD28.SetFocus
    ElseIf txtD29.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD29.SetFocus
    ElseIf txtD30.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD30.SetFocus
    ElseIf txtD31.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD31.SetFocus
    ElseIf txtD32.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD32.SetFocus
    ElseIf txtD33.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD33.SetFocus
    ElseIf txtD34.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD34.SetFocus
    ElseIf txtD35.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD35.SetFocus
    ElseIf txtD36.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD36.SetFocus
    ElseIf txtD37.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD37.SetFocus
    ElseIf txtD38.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD38.SetFocus
    ElseIf txtD39.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD39.SetFocus
    ElseIf txtD40.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD40.SetFocus
    ElseIf txtD41.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD41.SetFocus
    ElseIf txtD42.Text = "" Then

```



```

        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD42.SetFocus
    ElseIf txtD43.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD43.SetFocus
    ElseIf txtD44.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD44.SetFocus
    ElseIf txtD45.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD45.SetFocus
    ElseIf txtD46.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD46.SetFocus
    ElseIf txtD47.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD47.SetFocus
    ElseIf txtD48.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD48.SetFocus
    ElseIf txtD49.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD49.SetFocus
    ElseIf txtD50.Text = "" Then
        MsgBox "LENDUTAN MAKS tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtD50.SetFocus
    ElseIf txtPanjang.Text = "" Then
        MsgBox "PANJANG tidak boleh kosong!", _
            vbInformation + vbOKOnly, "Perhatian"
        txtPanjang.SetFocus
    End If
    Call hitungDmax2
    Call hitungTotalDmax
    Call hitungTotalDmax2
    Call hitungLendRata
    Call hitungDeviiasi
    Call hitungLendMewakili
    Call hitungFk
    End Sub

Sub hitungDmax2()
    Dim D1 As Double
    Dim D2 As Double
    Dim D3 As Double
    Dim D4 As Double
    Dim D5 As Double
    Dim D6 As Double
    Dim D7 As Double
    Dim D8 As Double
    Dim D9 As Double
    Dim D10 As Double
    Dim D11 As Double
    Dim D12 As Double
    Dim D13 As Double
    Dim D14 As Double
    Dim D15 As Double
    Dim D16 As Double
    Dim D17 As Double
    Dim D18 As Double
    Dim D19 As Double
    Dim D20 As Double
    Dim D21 As Double

```

```
Dim D22 As Double
Dim D23 As Double
Dim D24 As Double
Dim D25 As Double
Dim D26 As Double
Dim D27 As Double
Dim D28 As Double
Dim D29 As Double
Dim D30 As Double
Dim D31 As Double
Dim D32 As Double
Dim D33 As Double
Dim D34 As Double
Dim D35 As Double
Dim D36 As Double
Dim D37 As Double
Dim D38 As Double
Dim D39 As Double
Dim D40 As Double
Dim D41 As Double
Dim D42 As Double
Dim D43 As Double
Dim D44 As Double
Dim D45 As Double
Dim D46 As Double
Dim D47 As Double
Dim D48 As Double
Dim D49 As Double
Dim D50 As Double
D1 = Val(txtD1.Text)
D2 = Val(txtD2.Text)
D3 = Val(txtD3.Text)
D4 = Val(txtD4.Text)
D5 = Val(txtD5.Text)
D6 = Val(txtD6.Text)
D7 = Val(txtD7.Text)
D8 = Val(txtD8.Text)
D9 = Val(txtD9.Text)
D10 = Val(txtD10.Text)
D11 = Val(txtD11.Text)
D12 = Val(txtD12.Text)
D13 = Val(txtD13.Text)
D14 = Val(txtD14.Text)
D15 = Val(txtD15.Text)
D16 = Val(txtD16.Text)
D17 = Val(txtD17.Text)
D18 = Val(txtD18.Text)
D19 = Val(txtD19.Text)
D20 = Val(txtD20.Text)
D21 = Val(txtD21.Text)
D22 = Val(txtD22.Text)
D23 = Val(txtD23.Text)
D24 = Val(txtD24.Text)
D25 = Val(txtD25.Text)
D26 = Val(txtD26.Text)
D27 = Val(txtD27.Text)
D28 = Val(txtD28.Text)
D29 = Val(txtD29.Text)
D30 = Val(txtD30.Text)
D31 = Val(txtD31.Text)
D32 = Val(txtD32.Text)
D33 = Val(txtD33.Text)
D34 = Val(txtD34.Text)
D35 = Val(txtD35.Text)
D36 = Val(txtD36.Text)
D37 = Val(txtD37.Text)
D38 = Val(txtD38.Text)
D39 = Val(txtD39.Text)
D40 = Val(txtD40.Text)
D41 = Val(txtD41.Text)
D42 = Val(txtD42.Text)
```

```
D43 = Val(txtD43.Text)
D44 = Val(txtD44.Text)
D45 = Val(txtD45.Text)
D46 = Val(txtD46.Text)
D47 = Val(txtD47.Text)
D48 = Val(txtD48.Text)
D49 = Val(txtD49.Text)
D50 = Val(txtD50.Text)
txtDd1 = D1 * D1
txtDd2 = D2 * D2
txtDd3 = D3 * D3
txtDd4 = D4 * D4
txtDd5 = D5 * D5
txtDd6 = D6 * D6
txtDd7 = D7 * D7
txtDd8 = D8 * D8
txtDd9 = D9 * D9
txtDd10 = D10 * D10
txtDd11 = D11 * D11
txtDd12 = D12 * D12
txtDd13 = D13 * D13
txtDd14 = D14 * D14
txtDd15 = D15 * D15
txtDd16 = D16 * D16
txtDd17 = D17 * D17
txtDd18 = D18 * D18
txtDd19 = D19 * D19
txtDd20 = D20 * D20
txtDd21 = D21 * D21
txtDd22 = D22 * D22
txtDd23 = D23 * D23
txtDd24 = D24 * D24
txtDd25 = D25 * D25
txtDd26 = D26 * D26
txtDd27 = D27 * D27
txtDd28 = D28 * D28
txtDd29 = D29 * D29
txtDd30 = D30 * D30
txtDd31 = D31 * D31
txtDd32 = D32 * D32
txtDd33 = D33 * D33
txtDd34 = D34 * D34
txtDd35 = D35 * D35
txtDd36 = D36 * D36
txtDd37 = D37 * D37
txtDd38 = D38 * D38
txtDd39 = D39 * D39
txtDd40 = D40 * D40
txtDd41 = D41 * D41
txtDd42 = D42 * D42
txtDd43 = D43 * D43
txtDd44 = D44 * D44
txtDd45 = D45 * D45
txtDd46 = D46 * D46
txtDd47 = D47 * D47
txtDd48 = D48 * D48
txtDd49 = D49 * D49
txtDd50 = D50 * D50
End Sub
```

```
Sub hitungTotalDmax()
Dim D1 As Double
Dim D2 As Double
Dim D3 As Double
Dim D4 As Double
Dim D5 As Double
Dim D6 As Double
Dim D7 As Double
Dim D8 As Double
Dim D9 As Double
Dim D10 As Double
```

```
Dim D11 As Double
Dim D12 As Double
Dim D13 As Double
Dim D14 As Double
Dim D15 As Double
Dim D16 As Double
Dim D17 As Double
Dim D18 As Double
Dim D19 As Double
Dim D20 As Double
Dim D21 As Double
Dim D22 As Double
Dim D23 As Double
Dim D24 As Double
Dim D25 As Double
Dim D26 As Double
Dim D27 As Double
Dim D28 As Double
Dim D29 As Double
Dim D30 As Double
Dim D31 As Double
Dim D32 As Double
Dim D33 As Double
Dim D34 As Double
Dim D35 As Double
Dim D36 As Double
Dim D37 As Double
Dim D38 As Double
Dim D39 As Double
Dim D40 As Double
Dim D41 As Double
Dim D42 As Double
Dim D43 As Double
Dim D44 As Double
Dim D45 As Double
Dim D46 As Double
Dim D47 As Double
Dim D48 As Double
Dim D49 As Double
Dim D50 As Double
D1 = Val(txtD1.Text)
D2 = Val(txtD2.Text)
D3 = Val(txtD3.Text)
D4 = Val(txtD4.Text)
D5 = Val(txtD5.Text)
D6 = Val(txtD6.Text)
D7 = Val(txtD7.Text)
D8 = Val(txtD8.Text)
D9 = Val(txtD9.Text)
D10 = Val(txtD10.Text)
D11 = Val(txtD11.Text)
D12 = Val(txtD12.Text)
D13 = Val(txtD13.Text)
D14 = Val(txtD14.Text)
D15 = Val(txtD15.Text)
D16 = Val(txtD16.Text)
D17 = Val(txtD17.Text)
D18 = Val(txtD18.Text)
D19 = Val(txtD19.Text)
D20 = Val(txtD20.Text)
D21 = Val(txtD21.Text)
D22 = Val(txtD22.Text)
D23 = Val(txtD23.Text)
D24 = Val(txtD24.Text)
D25 = Val(txtD25.Text)
D26 = Val(txtD26.Text)
D27 = Val(txtD27.Text)
D28 = Val(txtD28.Text)
D29 = Val(txtD29.Text)
D30 = Val(txtD30.Text)
D31 = Val(txtD31.Text)
```

```
D32 = Val(txtD32.Text)
D33 = Val(txtD33.Text)
D34 = Val(txtD34.Text)
D35 = Val(txtD35.Text)
D36 = Val(txtD36.Text)
D37 = Val(txtD37.Text)
D38 = Val(txtD38.Text)
D39 = Val(txtD39.Text)
D40 = Val(txtD40.Text)
D41 = Val(txtD41.Text)
D42 = Val(txtD42.Text)
D43 = Val(txtD43.Text)
D44 = Val(txtD44.Text)
D45 = Val(txtD45.Text)
D46 = Val(txtD46.Text)
D47 = Val(txtD47.Text)
D48 = Val(txtD48.Text)
D49 = Val(txtD49.Text)
D50 = Val(txtD50.Text)
txtDmax = D1 + D2 + D3 + D4 + D5 + D6 + D7 + D8 + D9 + D10 + D11 + D12 + D13 +
D14 + D15 + D16 + D17 + D18 + D19 + D20 + D21 + D22 + D23 + D24 + D25 + D26 +
D27 + D28 + D29 + D30 + D31 + D32 + D33 + D34 + D35 + D36 + D37 + D38 + D39 +
D40 + D41 + D42 + D43 + D44 + D45 + D46 + D47 + D48 + D49 + D50
End Sub
```

```
Sub hitungTotalDmax2()
Dim Dd1 As Double
Dim Dd2 As Double
Dim Dd3 As Double
Dim Dd4 As Double
Dim Dd5 As Double
Dim Dd6 As Double
Dim Dd7 As Double
Dim Dd8 As Double
Dim Dd9 As Double
Dim Dd10 As Double
Dim Dd11 As Double
Dim Dd12 As Double
Dim Dd13 As Double
Dim Dd14 As Double
Dim Dd15 As Double
Dim Dd16 As Double
Dim Dd17 As Double
Dim Dd18 As Double
Dim Dd19 As Double
Dim Dd20 As Double
Dim Dd21 As Double
Dim Dd22 As Double
Dim Dd23 As Double
Dim Dd24 As Double
Dim Dd25 As Double
Dim Dd26 As Double
Dim Dd27 As Double
Dim Dd28 As Double
Dim Dd29 As Double
Dim Dd30 As Double
Dim Dd31 As Double
Dim Dd32 As Double
Dim Dd33 As Double
Dim Dd34 As Double
Dim Dd35 As Double
Dim Dd36 As Double
Dim Dd37 As Double
Dim Dd38 As Double
Dim Dd39 As Double
Dim Dd40 As Double
Dim Dd41 As Double
Dim Dd42 As Double
Dim Dd43 As Double
Dim Dd44 As Double
Dim Dd45 As Double
```

```

Dim Dd46 As Double
Dim Dd47 As Double
Dim Dd48 As Double
Dim Dd49 As Double
Dim Dd50 As Double
Dd1 = Val(txtDd1.Text)
Dd2 = Val(txtDd2.Text)
Dd3 = Val(txtDd3.Text)
Dd4 = Val(txtDd4.Text)
Dd5 = Val(txtDd5.Text)
Dd6 = Val(txtDd6.Text)
Dd7 = Val(txtDd7.Text)
Dd8 = Val(txtDd8.Text)
Dd9 = Val(txtDd9.Text)
Dd10 = Val(txtDd10.Text)
Dd11 = Val(txtDd11.Text)
Dd12 = Val(txtDd12.Text)
Dd13 = Val(txtDd13.Text)
Dd14 = Val(txtDd14.Text)
Dd15 = Val(txtDd15.Text)
Dd16 = Val(txtDd16.Text)
Dd17 = Val(txtDd17.Text)
Dd18 = Val(txtDd18.Text)
Dd19 = Val(txtDd19.Text)
Dd20 = Val(txtDd20.Text)
Dd21 = Val(txtDd21.Text)
Dd22 = Val(txtDd22.Text)
Dd23 = Val(txtDd23.Text)
Dd24 = Val(txtDd24.Text)
Dd25 = Val(txtDd25.Text)
Dd26 = Val(txtDd26.Text)
Dd27 = Val(txtDd27.Text)
Dd28 = Val(txtDd28.Text)
Dd29 = Val(txtDd29.Text)
Dd30 = Val(txtDd30.Text)
Dd31 = Val(txtDd31.Text)
Dd32 = Val(txtDd32.Text)
Dd33 = Val(txtDd33.Text)
Dd34 = Val(txtDd34.Text)
Dd35 = Val(txtDd35.Text)
Dd36 = Val(txtDd36.Text)
Dd37 = Val(txtDd37.Text)
Dd38 = Val(txtDd38.Text)
Dd39 = Val(txtDd39.Text)
Dd40 = Val(txtDd40.Text)
Dd41 = Val(txtDd41.Text)
Dd42 = Val(txtDd42.Text)
Dd43 = Val(txtDd43.Text)
Dd44 = Val(txtDd44.Text)
Dd45 = Val(txtDd45.Text)
Dd46 = Val(txtDd46.Text)
Dd47 = Val(txtDd47.Text)
Dd48 = Val(txtDd48.Text)
Dd49 = Val(txtDd49.Text)
Dd50 = Val(txtDd50.Text)
txtDmax2 = Dd1 + Dd2 + Dd3 + Dd4 + Dd5 + Dd6 + Dd7 + Dd8 + Dd9 + Dd10 + Dd11 +
Dd12 + Dd13 + Dd14 + Dd15 + Dd16 + Dd17 + Dd18 + Dd19 + Dd20 + Dd21 + Dd22 +
Dd23 + Dd24 + Dd25 + Dd26 + Dd27 + Dd28 + Dd29 + Dd30 + Dd31 + Dd32 + Dd33 +
Dd34 + Dd35 + Dd36 + Dd37 + Dd38 + Dd39 + Dd40 + Dd41 + Dd42 + Dd43 + Dd44 +
Dd45 + Dd46 + Dd47 + Dd48 + Dd49 + Dd50
End Sub

Sub hitungLendRata()
On Error GoTo perangkap
Dim Dmax As Double
Dim Jlh As Double
perangkap:
If Err.Number = 6 Then
Msg = "Masukkan Data dengan benar"
If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume

```

```

Resume
Else
Resume Next
End If
End If
If Err.Number = 11 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
Dmax = Val(txtDmax.Text)
Jlh = Val(txtJumlah.Text)
txtRata = Dmax / Jlh
End Sub

Sub hitungDeviasi()
On Error GoTo perangkap
Dim TD As Double
Dim TDd As Double
Dim Data As Double
perangkap:
If Err.Number = 6 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
If Err.Number = 11 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If
TD = Val(txtDmax.Text)
TDd = Val(txtDmax2.Text)
Data = Val(txtJumlah.Text)
txtDeviasi = Sqr(((Data * TDd) - TD ^ 2) / (Data * (Data - 1)))
End Sub

Sub hitungLendMewakili()
Dim Rata As Double
Dim Deviasi As Double
Rata = Val(txtRata.Text)
Deviasi = Val(txtDeviasi.Text)
txtMewakili = Rata + Deviasi
End Sub

Sub hitungFk()
On Error GoTo perangkap
Dim Rata As Double
Dim Deviasi As Double
perangkap:
If Err.Number = 6 Then
    Msg = "Masukkan Data dengan benar"
    If MsgBox(Msg, vbOKCancel) = vbOK Then
Resume
Resume
Else
Resume Next
End If
End If

```

```

Rata = Val(txtRata.Text)
Deviasi = Val(txtDeviasi.Text)
txtFk = (Deviasi / Rata) * 100
End Sub

Private Sub TbKeluar_Click()
Me.Hide
Call MenuHide
End Sub

Private Sub Form_Load()
Call Tengah(Me)
Call MenuMati
Call BukaDatabase
End Sub

Private Sub TbSimpan_Click()
If txtJumlah.Text = "" Then
MsgBox "JUMLAH DATA tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtJumlah.SetFocus
Else
SqlUpdate = "Update in_hasil " _
& " SET Panjang_Jalan='" & txtPanjang.Text & "', " _
& " Lend_Rata='" & txtRata.Text & "', " _
& " Deviasi_Standard='" & txtDeviasi.Text & "', " _
& " Lend_Wakil='" & txtMewakili.Text & "', " _
& " Fk='" & txtFk.Text & "'"
KoneksiDB.Execute SqlUpdate, , adCmdText
Rs_Hasil.Requery
Call Form_Load
MsgBox "DATA TELAH TERSIMPAN!", _
vbOKOnly + vbInformation, "Sukses"
End If
End Sub

```

### **L-7.16 Form Analisis Tebal Overlay (frmOverlay)**

```

Private Sub cmbESAL_Click()
If cmbESAL < 100000 Then
Call EsalNol1
Else
If cmbESAL < 200000 Then
Call EsalNol2
Else
If cmbESAL < 300000 Then
Call EsalNol3
Else
If cmbESAL < 500000 Then
Call EsalNol5
Else
If cmbESAL < 750000 Then
Call EsalNol75
Else
If cmbESAL < 1000000 Then
Call Esal1
Else
If cmbESAL < 1500000 Then
Call Esal15
Else
If cmbESAL < 2000000 Then
Call Esal2
Else
If cmbESAL < 3500000 Then
Call Esal35
Else
If cmbESAL < 5000000 Then
Call Esal5
Else
If cmbESAL < 7500000 Then

```





Picture1.Line (1.2, 11.868)-(1.225, 15.8226), vbGreen  
Picture1.Line (1.225, 15.8226)-(1.25, 19.639), vbGreen  
Picture1.Line (1.25, 19.639)-(1.275, 23.3241), vbGreen  
Picture1.Line (1.275, 23.3241)-(1.3, 26.8843), vbGreen  
Picture1.Line (1.3, 26.8843)-(1.325, 30.326), vbGreen  
Picture1.Line (1.325, 30.326)-(1.35, 33.6553), vbGreen  
Picture1.Line (1.35, 33.6553)-(1.375, 36.8781), vbGreen  
Picture1.Line (1.375, 36.8781)-(1.4, 40), vbGreen  
Picture1.Line (1.4, 40)-(1.425, 43.0265), vbGreen  
Picture1.Line (1.425, 43.0265)-(1.45, 45.9628), vbGreen  
Picture1.Line (1.45, 45.9628)-(1.475, 48.8138), vbGreen  
Picture1.Line (1.475, 48.8138)-(1.5, 51.5845), vbGreen  
Picture1.Line (1.5, 51.5845)-(1.525, 54.2793), vbGreen  
Picture1.Line (1.525, 54.2793)-(1.55, 56.9026), vbGreen  
Picture1.Line (1.55, 56.9026)-(1.575, 59.4585), vbGreen  
Picture1.Line (1.575, 59.4585)-(1.6, 61.9509), vbGreen  
Picture1.Line (1.6, 61.9509)-(1.625, 64.3835), vbGreen  
Picture1.Line (1.625, 64.3835)-(1.65, 66.7598), vbGreen  
Picture1.Line (1.65, 66.7598)-(1.675, 69.0829), vbGreen  
Picture1.Line (1.675, 69.0829)-(1.7, 71.356), vbGreen  
Picture1.Line (1.7, 71.356)-(1.725, 73.5817), vbGreen  
Picture1.Line (1.725, 73.5817)-(1.75, 75.7628), vbGreen  
Picture1.Line (1.75, 75.7628)-(1.775, 77.9015), vbGreen  
Picture1.Line (1.775, 77.9015)-(1.8, 80), vbGreen  
Picture1.Line (1.8, 80)-(1.825, 82.0602), vbGreen  
Picture1.Line (1.825, 82.0602)-(1.85, 84.0838), vbGreen  
Picture1.Line (1.85, 84.0838)-(1.875, 86.0723), vbGreen  
Picture1.Line (1.875, 86.0723)-(1.9, 88.027), vbGreen  
Picture1.Line (1.9, 88.027)-(1.925, 89.9488), vbGreen  
Picture1.Line (1.925, 89.9488)-(1.95, 91.8387), vbGreen  
Picture1.Line (1.95, 91.8387)-(1.975, 93.6971), vbGreen  
Picture1.Line (1.975, 93.6971)-(2, 95.5245), vbGreen  
Picture1.Line (2, 95.5245)-(2.025, 97.3211), vbGreen  
Picture1.Line (2.025, 97.3211)-(2.05, 99.0867), vbGreen  
Picture1.Line (2.05, 99.0867)-(2.075, 100.8212), vbGreen  
Picture1.Line (2.075, 100.8212)-(2.1, 102.5239), vbGreen  
Picture1.Line (2.1, 102.5239)-(2.125, 104.1942), vbGreen  
Picture1.Line (2.125, 104.1942)-(2.15, 105.8311), vbGreen  
Picture1.Line (2.15, 105.8311)-(2.175, 107.4335), vbGreen  
Picture1.Line (2.175, 107.4335)-(2.2, 109), vbGreen  
Picture1.Line (2.2, 109)-(2.225, 110.5289), vbGreen  
Picture1.Line (2.225, 110.5289)-(2.25, 112.0185), vbGreen  
Picture1.Line (2.25, 112.0185)-(2.275, 113.4668), vbGreen  
Picture1.Line (2.275, 113.4668)-(2.3, 114.8713), vbGreen  
Picture1.Line (2.3, 114.8713)-(2.325, 116.2297), vbGreen  
Picture1.Line (2.325, 116.2297)-(2.35, 117.5393), vbGreen  
Picture1.Line (2.35, 117.5393)-(2.375, 118.7971), vbGreen  
Picture1.Line (2.375, 118.7971)-(2.4, 120), vbGreen  
Picture1.Line (0, 10)-(0.03, 10), vbBlack  
Picture1.Line (0, 20)-(0.03, 20), vbBlack  
Picture1.Line (0, 30)-(0.03, 30), vbBlack  
Picture1.Line (0, 40)-(0.03, 40), vbBlack  
Picture1.Line (0, 50)-(0.03, 50), vbBlack  
Picture1.Line (0, 60)-(0.03, 60), vbBlack  
Picture1.Line (0, 70)-(0.03, 70), vbBlack  
Picture1.Line (0, 80)-(0.03, 80), vbBlack  
Picture1.Line (0, 90)-(0.03, 90), vbBlack  
Picture1.Line (0, 100)-(0.03, 100), vbBlack  
Picture1.Line (0, 110)-(0.03, 110), vbBlack  
Picture1.Line (0, 120)-(0.03, 120), vbBlack  
Picture1.Line (0, 130)-(0.03, 130), vbBlack  
Picture1.Line (0, 140)-(0.03, 140), vbBlack  
Picture1.Line (0, 150)-(0.03, 150), vbBlack  
Picture1.Line (0, 160)-(0.03, 160), vbBlack  
Picture1.Line (0, 170)-(0.03, 170), vbBlack  
Picture1.Line (0.1, 0)-(0.1, 5), vbBlack  
Picture1.Line (0.2, 0)-(0.2, 5), vbBlack  
Picture1.Line (0.3, 0)-(0.3, 5), vbBlack  
Picture1.Line (0.4, 0)-(0.4, 5), vbBlack  
Picture1.Line (0.5, 0)-(0.5, 5), vbBlack  
Picture1.Line (0.6, 0)-(0.6, 5), vbBlack

```

Picture1.Line (0.7, 0)-(0.7, 5), vbBlack
Picture1.Line (0.8, 0)-(0.8, 5), vbBlack
Picture1.Line (0.9, 0)-(0.9, 5), vbBlack
Picture1.Line (1, 0)-(1, 5), vbBlack
Picture1.Line (1.1, 0)-(1.1, 5), vbBlack
Picture1.Line (1.2, 0)-(1.2, 5), vbBlack
Picture1.Line (1.3, 0)-(1.3, 5), vbBlack
Picture1.Line (1.4, 0)-(1.4, 5), vbBlack
Picture1.Line (1.5, 0)-(1.5, 5), vbBlack
Picture1.Line (1.6, 0)-(1.6, 5), vbBlack
Picture1.Line (1.7, 0)-(1.7, 5), vbBlack
Picture1.Line (1.8, 0)-(1.8, 5), vbBlack
Picture1.Line (1.9, 0)-(1.9, 5), vbBlack
Picture1.Line (2, 0)-(2, 5), vbBlack
Picture1.Line (2.1, 0)-(2.1, 5), vbBlack
Picture1.Line (2.2, 0)-(2.2, 5), vbBlack
Picture1.Line (2.3, 0)-(2.3, 5), vbBlack
End Sub

```

```

Sub Esal10()
Picture1.Scale (0, 180)-(2.4, 0)
Picture1.Line (0.9, 0)-(0.925, 6.1147), vbBlue
Picture1.Line (0.925, 6.1147)-(0.95, 11.9936), vbBlue
Picture1.Line (0.95, 11.9936)-(0.975, 17.6475), vbBlue
Picture1.Line (0.975, 17.6475)-(1, 23.0864), vbBlue
Picture1.Line (1, 23.0864)-(1.025, 28.3205), vbBlue
Picture1.Line (1.025, 28.3205)-(1.05, 33.3594), vbBlue
Picture1.Line (1.05, 33.3594)-(1.075, 38.2125), vbBlue
Picture1.Line (1.075, 38.2125)-(1.1, 42.8889), vbBlue
Picture1.Line (1.1, 42.8889)-(1.125, 47.3975), vbBlue
Picture1.Line (1.125, 47.3975)-(1.15, 51.7467), vbBlue
Picture1.Line (1.15, 51.7467)-(1.175, 55.9449), vbBlue
Picture1.Line (1.175, 55.9449)-(1.2, 60), vbBlue
Picture1.Line (1.2, 60)-(1.225, 63.9196), vbBlue
Picture1.Line (1.225, 63.9196)-(1.25, 67.7112), vbBlue
Picture1.Line (1.25, 67.7112)-(1.275, 71.3818), vbBlue
Picture1.Line (1.275, 71.3818)-(1.3, 74.9383), vbBlue
Picture1.Line (1.3, 74.9383)-(1.325, 78.387), vbBlue
Picture1.Line (1.325, 78.387)-(1.35, 81.7344), vbBlue
Picture1.Line (1.35, 81.7344)-(1.375, 84.9862), vbBlue
Picture1.Line (1.375, 84.9862)-(1.4, 88.1481), vbBlue
Picture1.Line (1.4, 88.1481)-(1.425, 91.2256), vbBlue
Picture1.Line (1.425, 91.2256)-(1.45, 94.2236), vbBlue
Picture1.Line (1.45, 94.2236)-(1.475, 97.1469), vbBlue
Picture1.Line (1.475, 97.1469)-(1.5, 100), vbBlue
Picture1.Line (1.5, 100)-(1.525, 102.7871), vbBlue
Picture1.Line (1.525, 102.7871)-(1.55, 105.5122), vbBlue
Picture1.Line (1.55, 105.5122)-(1.575, 108.1787), vbBlue
Picture1.Line (1.575, 108.1787)-(1.6, 110.7901), vbBlue
Picture1.Line (1.6, 110.7901)-(1.625, 113.3494), vbBlue
Picture1.Line (1.625, 113.3494)-(1.65, 115.8594), vbBlue
Picture1.Line (1.65, 115.8594)-(1.675, 118.3224), vbBlue
Picture1.Line (1.675, 118.3224)-(1.7, 120.7407), vbBlue
Picture1.Line (1.7, 120.7407)-(1.725, 123.1162), vbBlue
Picture1.Line (1.725, 123.1162)-(1.75, 125.4504), vbBlue
Picture1.Line (1.75, 125.4504)-(1.775, 127.7447), vbBlue
Picture1.Line (1.775, 127.7447)-(1.8, 130), vbBlue
Picture1.Line (1.8, 130)-(1.825, 132.2171), vbBlue
Picture1.Line (1.825, 132.2171)-(1.85, 134.3964), vbBlue
Picture1.Line (1.85, 134.3964)-(1.875, 136.5381), vbBlue
Picture1.Line (1.875, 136.5381)-(1.9, 138.642), vbBlue
Picture1.Line (1.9, 138.642)-(1.925, 140.7076), vbBlue
Picture1.Line (1.925, 140.7076)-(1.95, 142.7344), vbBlue
Picture1.Line (1.95, 142.7344)-(1.975, 144.7211), vbBlue
Picture1.Line (1.975, 144.7211)-(2, 146.6667), vbBlue
Picture1.Line (2, 146.6667)-(2.025, 148.5693), vbBlue
Picture1.Line (2.025, 148.5693)-(2.05, 150.4273), vbBlue
Picture1.Line (2.05, 150.4273)-(2.075, 152.2383), vbBlue
Picture1.Line (2.075, 152.2383)-(2.1, 154), vbBlue
Picture1.Line (2.1, 154)-(2.125, 155.7096), vbBlue
Picture1.Line (2.125, 155.7096)-(2.15, 157.364), vbBlue

```

```

Picture1.Line (2.15, 157.364)-(2.175, 158.96), vbBlue
Picture1.Line (2.175, 158.96)-(2.2, 160.4938), vbBlue
Picture1.Line (2.2, 160.4938)-(2.225, 161.9617), vbBlue
Picture1.Line (2.225, 161.9617)-(2.25, 163.3594), vbBlue
Picture1.Line (2.25, 163.3594)-(2.275, 164.6824), vbBlue
Picture1.Line (2.275, 164.6824)-(2.3, 165.9259), vbBlue
Picture1.Line (2.3, 165.9259)-(2.325, 167.085), vbBlue
Picture1.Line (2.325, 167.085)-(2.35, 168.1541), vbBlue
Picture1.Line (2.35, 168.1541)-(2.375, 169.1278), vbBlue
Picture1.Line (2.375, 169.1278)-(2.4, 170), vbBlue
Picture1.Line (0, 10)-(0.03, 10), vbBlack
Picture1.Line (0, 20)-(0.03, 20), vbBlack
Picture1.Line (0, 30)-(0.03, 30), vbBlack
Picture1.Line (0, 40)-(0.03, 40), vbBlack
Picture1.Line (0, 50)-(0.03, 50), vbBlack
Picture1.Line (0, 60)-(0.03, 60), vbBlack
Picture1.Line (0, 70)-(0.03, 70), vbBlack
Picture1.Line (0, 80)-(0.03, 80), vbBlack
Picture1.Line (0, 90)-(0.03, 90), vbBlack
Picture1.Line (0, 100)-(0.03, 100), vbBlack
Picture1.Line (0, 110)-(0.03, 110), vbBlack
Picture1.Line (0, 120)-(0.03, 120), vbBlack
Picture1.Line (0, 130)-(0.03, 130), vbBlack
Picture1.Line (0, 140)-(0.03, 140), vbBlack
Picture1.Line (0, 150)-(0.03, 150), vbBlack
Picture1.Line (0, 160)-(0.03, 160), vbBlack
Picture1.Line (0, 170)-(0.03, 170), vbBlack
Picture1.Line (0.1, 0)-(0.1, 5), vbBlack
Picture1.Line (0.2, 0)-(0.2, 5), vbBlack
Picture1.Line (0.3, 0)-(0.3, 5), vbBlack
Picture1.Line (0.4, 0)-(0.4, 5), vbBlack
Picture1.Line (0.5, 0)-(0.5, 5), vbBlack
Picture1.Line (0.6, 0)-(0.6, 5), vbBlack
Picture1.Line (0.7, 0)-(0.7, 5), vbBlack
Picture1.Line (0.8, 0)-(0.8, 5), vbBlack
Picture1.Line (0.9, 0)-(0.9, 5), vbBlack
Picture1.Line (1, 0)-(1, 5), vbBlack
Picture1.Line (1.1, 0)-(1.1, 5), vbBlack
Picture1.Line (1.2, 0)-(1.2, 5), vbBlack
Picture1.Line (1.3, 0)-(1.3, 5), vbBlack
Picture1.Line (1.4, 0)-(1.4, 5), vbBlack
Picture1.Line (1.5, 0)-(1.5, 5), vbBlack
Picture1.Line (1.6, 0)-(1.6, 5), vbBlack
Picture1.Line (1.7, 0)-(1.7, 5), vbBlack
Picture1.Line (1.8, 0)-(1.8, 5), vbBlack
Picture1.Line (1.9, 0)-(1.9, 5), vbBlack
Picture1.Line (2, 0)-(2, 5), vbBlack
Picture1.Line (2.1, 0)-(2.1, 5), vbBlack
Picture1.Line (2.2, 0)-(2.2, 5), vbBlack
Picture1.Line (2.3, 0)-(2.3, 5), vbBlack
End Sub

```

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Sub Esal2()
Picture1.Scale (0, 180)-(2.4, 0)
Picture1.Line (1.036, 0)-(1.05, 2.8563), vbRed
Picture1.Line (1.05, 2.8563)-(1.075, 7.8102), vbRed
Picture1.Line (1.075, 7.8102)-(1.1, 12.5824), vbRed
Picture1.Line (1.1, 12.5824)-(1.125, 17.1803), vbRed
Picture1.Line (1.125, 17.1803)-(1.15, 21.6112), vbRed
Picture1.Line (1.15, 21.6112)-(1.175, 25.8822), vbRed
Picture1.Line (1.175, 25.8822)-(1.2, 30), vbRed
Picture1.Line (1.2, 30)-(1.225, 33.9714), vbRed
Picture1.Line (1.225, 33.9714)-(1.25, 37.803), vbRed
Picture1.Line (1.25, 37.803)-(1.275, 41.501), vbRed
Picture1.Line (1.275, 41.501)-(1.3, 45.0717), vbRed
Picture1.Line (1.3, 45.0717)-(1.325, 48.521), vbRed
Picture1.Line (1.325, 48.521)-(1.35, 51.8549), vbRed
Picture1.Line (1.35, 51.8549)-(1.375, 55.0789), vbRed
Picture1.Line (1.375, 55.0789)-(1.4, 58.1985), vbRed
Picture1.Line (1.4, 58.1985)-(1.425, 61.2191), vbRed
Picture1.Line (1.425, 61.2191)-(1.45, 64.1458), vbRed

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Picture1.Line (1.45, 64.1458)-(1.475, 66.1458), vbRed  
Picture1.Line (1.475, 66.1458)-(1.5, 69.7372), vbRed  
Picture1.Line (1.5, 69.7372)-(1.525, 72.4113), vbRed  
Picture1.Line (1.525, 72.4113)-(1.55, 75.0103), vbRed  
Picture1.Line (1.55, 75.0103)-(1.575, 77.5385), vbRed  
Picture1.Line (1.575, 77.5385)-(1.6, 80), vbRed  
Picture1.Line (1.6, 80)-(1.625, 82.3987), vbRed  
Picture1.Line (1.625, 82.3987)-(1.65, 84.7384), vbRed  
Picture1.Line (1.65, 84.7384)-(1.675, 87.0227), vbRed  
Picture1.Line (1.675, 87.0227)-(1.7, 89.2549), vbRed  
Picture1.Line (1.7, 89.2549)-(1.725, 91.4383), vbRed  
Picture1.Line (1.725, 91.4383)-(1.75, 93.576), vbRed  
Picture1.Line (1.75, 93.576)-(1.775, 95.6708), vbRed  
Picture1.Line (1.775, 95.6708)-(1.8, 97.7254), vbRed  
Picture1.Line (1.8, 97.7254)-(1.825, 99.7425), vbRed  
Picture1.Line (1.825, 99.7425)-(1.85, 101.7243), vbRed  
Picture1.Line (1.85, 101.7243)-(1.875, 103.673), vbRed  
Picture1.Line (1.875, 103.673)-(1.9, 105.5907), vbRed  
Picture1.Line (1.9, 105.5907)-(1.925, 107.4792), vbRed  
Picture1.Line (1.925, 107.4792)-(1.95, 109.3402), vbRed  
Picture1.Line (1.95, 109.3402)-(1.975, 111.1752), vbRed  
Picture1.Line (1.975, 111.1752)-(2, 112.9854), vbRed  
Picture1.Line (2, 112.9854)-(2.025, 114.7722), vbRed  
Picture1.Line (2.025, 114.7722)-(2.05, 116.5363), vbRed  
Picture1.Line (2.05, 116.5363)-(2.075, 118.2787), vbRed  
Picture1.Line (2.075, 118.2787)-(2.1, 120), vbRed  
Picture1.Line (2.1, 120)-(2.125, 121.7006), vbRed  
Picture1.Line (2.125, 121.7006)-(2.15, 123.3808), vbRed  
Picture1.Line (2.15, 123.3808)-(2.175, 125.0407), vbRed  
Picture1.Line (2.175, 125.0407)-(2.2, 126.6803), vbRed  
Picture1.Line (2.2, 126.6803)-(2.225, 128.2993), vbRed  
Picture1.Line (2.225, 128.2993)-(2.25, 129.8973), vbRed  
Picture1.Line (2.25, 129.8973)-(2.275, 131.4738), vbRed  
Picture1.Line (2.275, 131.4738)-(2.3, 133.0279), vbRed  
Picture1.Line (2.3, 133.0279)-(2.325, 134.5588), vbRed  
Picture1.Line (2.325, 134.5588)-(2.35, 136.0653), vbRed  
Picture1.Line (2.35, 136.0653)-(2.375, 137.5462), vbRed  
Picture1.Line (2.375, 137.5462)-(2.4, 139), vbRed  
Picture1.Line (0, 10)-(0.03, 10), vbBlack  
Picture1.Line (0, 20)-(0.03, 20), vbBlack  
Picture1.Line (0, 30)-(0.03, 30), vbBlack  
Picture1.Line (0, 40)-(0.03, 40), vbBlack  
Picture1.Line (0, 50)-(0.03, 50), vbBlack  
Picture1.Line (0, 60)-(0.03, 60), vbBlack  
Picture1.Line (0, 70)-(0.03, 70), vbBlack  
Picture1.Line (0, 80)-(0.03, 80), vbBlack  
Picture1.Line (0, 90)-(0.03, 90), vbBlack  
Picture1.Line (0, 100)-(0.03, 100), vbBlack  
Picture1.Line (0, 110)-(0.03, 110), vbBlack  
Picture1.Line (0, 120)-(0.03, 120), vbBlack  
Picture1.Line (0, 130)-(0.03, 130), vbBlack  
Picture1.Line (0, 140)-(0.03, 140), vbBlack  
Picture1.Line (0, 150)-(0.03, 150), vbBlack  
Picture1.Line (0, 160)-(0.03, 160), vbBlack  
Picture1.Line (0, 170)-(0.03, 170), vbBlack  
Picture1.Line (0.1, 0)-(0.1, 5), vbBlack  
Picture1.Line (0.2, 0)-(0.2, 5), vbBlack  
Picture1.Line (0.3, 0)-(0.3, 5), vbBlack  
Picture1.Line (0.4, 0)-(0.4, 5), vbBlack  
Picture1.Line (0.5, 0)-(0.5, 5), vbBlack  
Picture1.Line (0.6, 0)-(0.6, 5), vbBlack  
Picture1.Line (0.7, 0)-(0.7, 5), vbBlack  
Picture1.Line (0.8, 0)-(0.8, 5), vbBlack  
Picture1.Line (0.9, 0)-(0.9, 5), vbBlack  
Picture1.Line (1, 0)-(1, 5), vbBlack  
Picture1.Line (1.1, 0)-(1.1, 5), vbBlack  
Picture1.Line (1.2, 0)-(1.2, 5), vbBlack  
Picture1.Line (1.3, 0)-(1.3, 5), vbBlack  
Picture1.Line (1.4, 0)-(1.4, 5), vbBlack  
Picture1.Line (1.5, 0)-(1.5, 5), vbBlack  
Picture1.Line (1.6, 0)-(1.6, 5), vbBlack

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Picture1.Line (1.7, 0)-(1.7, 5), vbBlack
Picture1.Line (1.8, 0)-(1.8, 5), vbBlack
Picture1.Line (1.9, 0)-(1.9, 5), vbBlack
Picture1.Line (2, 0)-(2, 5), vbBlack
Picture1.Line (2.1, 0)-(2.1, 5), vbBlack
Picture1.Line (2.2, 0)-(2.2, 5), vbBlack
Picture1.Line (2.3, 0)-(2.3, 5), vbBlack
End Sub

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Sub Esal5()
Picture1.Scale (0, 180)-(2.4, 0)
Picture1.Line (0.94, 0)-(0.95, 2.3492), vbYellow
Picture1.Line (0.95, 2.3492)-(0.975, 8.0586), vbYellow
Picture1.Line (0.975, 8.0586)-(1, 13.5421), vbYellow
Picture1.Line (1, 13.5421)-(1.025, 18.8092), vbYellow
Picture1.Line (1.025, 18.8092)-(1.05, 23.8694), vbYellow
Picture1.Line (1.05, 23.8694)-(1.075, 28.7319), vbYellow
Picture1.Line (1.075, 28.7319)-(1.1, 33.4057), vbYellow
Picture1.Line (1.1, 33.4057)-(1.125, 37.8995), vbYellow
Picture1.Line (1.125, 37.8995)-(1.15, 42.2217), vbYellow
Picture1.Line (1.15, 42.2217)-(1.175, 46.3807), vbYellow
Picture1.Line (1.175, 46.3807)-(1.2, 50.3845), vbYellow
Picture1.Line (1.2, 50.3845)-(1.225, 54.2408), vbYellow
Picture1.Line (1.225, 54.2408)-(1.25, 57.9573), vbYellow
Picture1.Line (1.25, 57.9573)-(1.275, 61.5414), vbYellow
Picture1.Line (1.275, 61.5414)-(1.3, 65), vbYellow
Picture1.Line (1.3, 65)-(1.325, 68.3402), vbYellow
Picture1.Line (1.325, 68.3402)-(1.35, 71.5685), vbYellow
Picture1.Line (1.35, 71.5685)-(1.375, 74.6914), vbYellow
Picture1.Line (1.375, 74.6914)-(1.4, 77.715), vbYellow
Picture1.Line (1.4, 77.715)-(1.425, 80.6455), vbYellow
Picture1.Line (1.425, 80.6455)-(1.45, 83.4884), vbYellow
Picture1.Line (1.45, 83.4884)-(1.475, 86.2493), vbYellow
Picture1.Line (1.475, 86.2493)-(1.5, 88.9334), vbYellow
Picture1.Line (1.5, 88.9334)-(1.525, 91.5459), vbYellow
Picture1.Line (1.525, 91.5459)-(1.55, 94.0914), vbYellow
Picture1.Line (1.55, 94.0914)-(1.575, 96.5747), vbYellow
Picture1.Line (1.575, 96.5747)-(1.6, 99), vbYellow
Picture1.Line (1.6, 99)-(1.625, 101.3715), vbYellow
Picture1.Line (1.625, 101.3715)-(1.65, 103.693), vbYellow
Picture1.Line (1.65, 103.693)-(1.675, 105.9683), vbYellow
Picture1.Line (1.675, 105.9683)-(1.7, 108.2007), vbYellow
Picture1.Line (1.7, 108.2007)-(1.725, 110.3935), vbYellow
Picture1.Line (1.725, 110.3935)-(1.75, 112.5496), vbYellow
Picture1.Line (1.75, 112.5496)-(1.775, 114.6717), vbYellow
Picture1.Line (1.775, 114.6717)-(1.8, 116.7625), vbYellow
Picture1.Line (1.8, 116.7625)-(1.825, 118.8241), vbYellow
Picture1.Line (1.825, 118.8241)-(1.85, 120.8586), vbYellow
Picture1.Line (1.85, 120.8586)-(1.875, 122.8678), vbYellow
Picture1.Line (1.875, 122.8678)-(1.9, 124.8534), vbYellow
Picture1.Line (1.9, 124.8534)-(1.925, 126.8166), vbYellow
Picture1.Line (1.925, 126.8166)-(1.95, 128.7587), vbYellow
Picture1.Line (1.95, 128.7587)-(1.975, 130.6804), vbYellow
Picture1.Line (1.975, 130.6804)-(2, 132.5825), vbYellow
Picture1.Line (2, 132.5825)-(2.025, 134.4654), vbYellow
Picture1.Line (2.025, 134.4654)-(2.05, 136.3294), vbYellow
Picture1.Line (2.05, 136.3294)-(2.075, 138.1743), vbYellow
Picture1.Line (2.075, 138.1743)-(2.1, 140), vbYellow
Picture1.Line (2.1, 140)-(2.125, 141.8059), vbYellow
Picture1.Line (2.125, 141.8059)-(2.15, 143.5914), vbYellow
Picture1.Line (2.15, 143.5914)-(2.175, 145.3555), vbYellow
Picture1.Line (2.175, 145.3555)-(2.2, 147.0971), vbYellow
Picture1.Line (2.2, 147.0971)-(2.225, 148.8146), vbYellow
Picture1.Line (2.225, 148.8146)-(2.25, 150.5066), vbYellow
Picture1.Line (2.25, 150.5066)-(2.275, 152.171), vbYellow
Picture1.Line (2.275, 152.171)-(2.3, 153.806), vbYellow
Picture1.Line (2.3, 153.806)-(2.325, 155.409), vbYellow
Picture1.Line (2.325, 155.409)-(2.35, 156.9776), vbYellow
Picture1.Line (2.35, 156.9776)-(2.375, 158.5089), vbYellow
Picture1.Line (2.375, 158.5089)-(2.4, 160), vbYellow
Picture1.Line (0, 10)-(0.03, 10), vbBlack

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Picture1.Line (0, 20)-(0.03, 20), vbBlack
Picture1.Line (0, 30)-(0.03, 30), vbBlack
Picture1.Line (0, 40)-(0.03, 40), vbBlack
Picture1.Line (0, 50)-(0.03, 50), vbBlack
Picture1.Line (0, 60)-(0.03, 60), vbBlack
Picture1.Line (0, 70)-(0.03, 70), vbBlack
Picture1.Line (0, 80)-(0.03, 80), vbBlack
Picture1.Line (0, 90)-(0.03, 90), vbBlack
Picture1.Line (0, 100)-(0.03, 100), vbBlack
Picture1.Line (0, 110)-(0.03, 110), vbBlack
Picture1.Line (0, 120)-(0.03, 120), vbBlack
Picture1.Line (0, 130)-(0.03, 130), vbBlack
Picture1.Line (0, 140)-(0.03, 140), vbBlack
Picture1.Line (0, 150)-(0.03, 150), vbBlack
Picture1.Line (0, 160)-(0.03, 160), vbBlack
Picture1.Line (0, 170)-(0.03, 170), vbBlack
Picture1.Line (0.1, 0)-(0.1, 5), vbBlack
Picture1.Line (0.2, 0)-(0.2, 5), vbBlack
Picture1.Line (0.3, 0)-(0.3, 5), vbBlack
Picture1.Line (0.4, 0)-(0.4, 5), vbBlack
Picture1.Line (0.5, 0)-(0.5, 5), vbBlack
Picture1.Line (0.6, 0)-(0.6, 5), vbBlack
Picture1.Line (0.7, 0)-(0.7, 5), vbBlack
Picture1.Line (0.8, 0)-(0.8, 5), vbBlack
Picture1.Line (0.9, 0)-(0.9, 5), vbBlack
Picture1.Line (1, 0)-(1, 5), vbBlack
Picture1.Line (1.1, 0)-(1.1, 5), vbBlack
Picture1.Line (1.2, 0)-(1.2, 5), vbBlack
Picture1.Line (1.3, 0)-(1.3, 5), vbBlack
Picture1.Line (1.4, 0)-(1.4, 5), vbBlack
Picture1.Line (1.5, 0)-(1.5, 5), vbBlack
Picture1.Line (1.6, 0)-(1.6, 5), vbBlack
Picture1.Line (1.7, 0)-(1.7, 5), vbBlack
Picture1.Line (1.8, 0)-(1.8, 5), vbBlack
Picture1.Line (1.9, 0)-(1.9, 5), vbBlack
Picture1.Line (2, 0)-(2, 5), vbBlack
Picture1.Line (2.1, 0)-(2.1, 5), vbBlack
Picture1.Line (2.2, 0)-(2.2, 5), vbBlack
Picture1.Line (2.3, 0)-(2.3, 5), vbBlack
End Sub

Private Sub TbClear_Click()
Picture1.Refresh
End Sub

Private Sub TbKeluar_Click()
Me.Hide
Call MenuHide
End Sub

Private Sub Form_Unload(Cancel As Integer)
Call MenuHidup
End Sub

Private Sub Form_Load()
Call Tengah(Me)
Call MenuMati
Call BukaDatabase
End Sub

Sub EsalNoll()
Picture1.Scale (0, 180)-(2.4, 0)
Picture1.Line (1.72, 0)-(1.725, 0.4384), vbGreen
Picture1.Line (1.725, 0.4384)-(1.75, 2.6109), vbGreen
Picture1.Line (1.75, 2.6109)-(1.775, 4.7514), vbGreen
Picture1.Line (1.775, 4.7514)-(1.8, 6.8607), vbGreen
Picture1.Line (1.8, 6.8607)-(1.825, 8.9395), vbGreen
Picture1.Line (1.825, 8.9395)-(1.85, 10.9885), vbGreen
Picture1.Line (1.85, 10.9885)-(1.875, 13.0084), vbGreen
Picture1.Line (1.875, 13.0084)-(1.9, 15), vbGreen
Picture1.Line (1.9, 15)-(1.925, 16.964), vbGreen

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Picture1.Line (1.925, 16.964)-(1.95, 18.9011), vbGreen
Picture1.Line (1.95, 18.9011)-(1.975, 20.8121), vbGreen
Picture1.Line (1.975, 20.8121)-(2, 22.6976), vbGreen
Picture1.Line (2, 22.6976)-(2.025, 24.5585), vbGreen
Picture1.Line (2.025, 24.5585)-(2.05, 26.3953), vbGreen
Picture1.Line (2.05, 26.3953)-(2.075, 28.2089), vbGreen
Picture1.Line (2.075, 28.2089)-(2.1, 30), vbGreen
Picture1.Line (2.1, 30)-(2.125, 31.7693), vbGreen
Picture1.Line (2.125, 31.7693)-(2.15, 33.5175), vbGreen
Picture1.Line (2.15, 33.5175)-(2.175, 35.2453), vbGreen
Picture1.Line (2.175, 35.2453)-(2.2, 36.9536), vbGreen
Picture1.Line (2.2, 36.9536)-(2.225, 38.6429), vbGreen
Picture1.Line (2.225, 38.6429)-(2.25, 40.314), vbGreen
Picture1.Line (2.25, 40.314)-(2.275, 41.9678), vbGreen
Picture1.Line (2.275, 41.9678)-(2.3, 43.6047), vbGreen
Picture1.Line (2.3, 43.6047)-(2.325, 45.2257), vbGreen
Picture1.Line (2.325, 45.2257)-(2.35, 46.8315), vbGreen
Picture1.Line (2.35, 46.8315)-(2.375, 48.4226), vbGreen
Picture1.Line (2.375, 48.4226)-(2.4, 50), vbGreen
Picture1.Line (0, 10)-(0.03, 10), vbBlack
Picture1.Line (0, 20)-(0.03, 20), vbBlack
Picture1.Line (0, 30)-(0.03, 30), vbBlack
Picture1.Line (0, 40)-(0.03, 40), vbBlack
Picture1.Line (0, 50)-(0.03, 50), vbBlack
Picture1.Line (0, 60)-(0.03, 60), vbBlack
Picture1.Line (0, 70)-(0.03, 70), vbBlack
Picture1.Line (0, 80)-(0.03, 80), vbBlack
Picture1.Line (0, 90)-(0.03, 90), vbBlack
Picture1.Line (0, 100)-(0.03, 100), vbBlack
Picture1.Line (0, 110)-(0.03, 110), vbBlack
Picture1.Line (0, 120)-(0.03, 120), vbBlack
Picture1.Line (0, 130)-(0.03, 130), vbBlack
Picture1.Line (0, 140)-(0.03, 140), vbBlack
Picture1.Line (0, 150)-(0.03, 150), vbBlack
Picture1.Line (0, 160)-(0.03, 160), vbBlack
Picture1.Line (0, 170)-(0.03, 170), vbBlack
Picture1.Line (0.1, 0)-(0.1, 5), vbBlack
Picture1.Line (0.2, 0)-(0.2, 5), vbBlack
Picture1.Line (0.3, 0)-(0.3, 5), vbBlack
Picture1.Line (0.4, 0)-(0.4, 5), vbBlack
Picture1.Line (0.5, 0)-(0.5, 5), vbBlack
Picture1.Line (0.6, 0)-(0.6, 5), vbBlack
Picture1.Line (0.7, 0)-(0.7, 5), vbBlack
Picture1.Line (0.8, 0)-(0.8, 5), vbBlack
Picture1.Line (0.9, 0)-(0.9, 5), vbBlack
Picture1.Line (1, 0)-(1, 5), vbBlack
Picture1.Line (1.1, 0)-(1.1, 5), vbBlack
Picture1.Line (1.2, 0)-(1.2, 5), vbBlack
Picture1.Line (1.3, 0)-(1.3, 5), vbBlack
Picture1.Line (1.4, 0)-(1.4, 5), vbBlack
Picture1.Line (1.5, 0)-(1.5, 5), vbBlack
Picture1.Line (1.6, 0)-(1.6, 5), vbBlack
Picture1.Line (1.7, 0)-(1.7, 5), vbBlack
Picture1.Line (1.8, 0)-(1.8, 5), vbBlack
Picture1.Line (1.9, 0)-(1.9, 5), vbBlack
Picture1.Line (2, 0)-(2, 5), vbBlack
Picture1.Line (2.1, 0)-(2.1, 5), vbBlack
Picture1.Line (2.2, 0)-(2.2, 5), vbBlack
Picture1.Line (2.3, 0)-(2.3, 5), vbBlack
End Sub

Sub EsalNol2()
Picture1.Scale (0, 180)-(2.4, 0)
Picture1.Line (1.49, 0)-(1.5, 1.0701), RGB(0, 255, 255)
Picture1.Line (1.5, 1.0701)-(1.525, 3.7137), RGB(0, 255, 255)
Picture1.Line (1.525, 3.7137)-(1.55, 6.3128), RGB(0, 255, 255)
Picture1.Line (1.55, 6.3128)-(1.575, 8.8677), RGB(0, 255, 255)
Picture1.Line (1.575, 8.8677)-(1.6, 11.3791), RGB(0, 255, 255)
Picture1.Line (1.6, 11.3791)-(1.625, 13.8475), RGB(0, 255, 255)
Picture1.Line (1.625, 13.8475)-(1.65, 16.2734), RGB(0, 255, 255)
Picture1.Line (1.65, 16.2734)-(1.675, 18.6574), RGB(0, 255, 255)

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Picture1.Line (1.675, 18.6574)-(1.7, 21), RGB(0, 255, 255)
Picture1.Line (1.7, 21)-(1.725, 23.3018), RGB(0, 255, 255)
Picture1.Line (1.725, 23.3018)-(1.75, 25.5633), RGB(0, 255, 255)
Picture1.Line (1.75, 25.5633)-(1.775, 27.7851), RGB(0, 255, 255)
Picture1.Line (1.775, 27.7851)-(1.8, 29.9676), RGB(0, 255, 255)
Picture1.Line (1.8, 29.9676)-(1.825, 32.1115), RGB(0, 255, 255)
Picture1.Line (1.825, 32.1115)-(1.85, 34.2173), RGB(0, 255, 255)
Picture1.Line (1.85, 34.2173)-(1.875, 36.2855), RGB(0, 255, 255)
Picture1.Line (1.875, 36.2855)-(1.9, 38.3166), RGB(0, 255, 255)
Picture1.Line (1.9, 38.3166)-(1.925, 40.3113), RGB(0, 255, 255)
Picture1.Line (1.925, 40.3113)-(1.95, 42.2701), RGB(0, 255, 255)
Picture1.Line (1.95, 42.2701)-(1.975, 44.1934), RGB(0, 255, 255)
Picture1.Line (1.975, 44.1934)-(2, 46.0819), RGB(0, 255, 255)
Picture1.Line (2, 46.0819)-(2.025, 47.9361), RGB(0, 255, 255)
Picture1.Line (2.025, 47.9361)-(2.05, 49.7564), RGB(0, 255, 255)
Picture1.Line (2.05, 49.7564)-(2.075, 51.5436), RGB(0, 255, 255)
Picture1.Line (2.075, 51.5436)-(2.1, 53.2981), RGB(0, 255, 255)
Picture1.Line (2.1, 53.2981)-(2.125, 55.0204), RGB(0, 255, 255)
Picture1.Line (2.125, 55.0204)-(2.15, 56.7112), RGB(0, 255, 255)
Picture1.Line (2.15, 56.7112)-(2.175, 58.3708), RGB(0, 255, 255)
Picture1.Line (2.175, 58.3708)-(2.2, 60), RGB(0, 255, 255)
Picture1.Line (2.2, 60)-(2.225, 61.5992), RGB(0, 255, 255)
Picture1.Line (2.225, 61.5992)-(2.25, 63.169), RGB(0, 255, 255)
Picture1.Line (2.25, 63.169)-(2.275, 64.7098), RGB(0, 255, 255)
Picture1.Line (2.275, 64.7098)-(2.3, 66.2224), RGB(0, 255, 255)
Picture1.Line (2.3, 66.2224)-(2.325, 67.7071), RGB(0, 255, 255)
Picture1.Line (2.325, 67.7071)-(2.35, 69.1646), RGB(0, 255, 255)
Picture1.Line (2.35, 69.1646)-(2.375, 70.5954), RGB(0, 255, 255)
Picture1.Line (2.375, 70.5954)-(2.4, 72), RGB(0, 255, 255)
Picture1.Line (0, 10)-(0.03, 10), vbBlack
Picture1.Line (0, 20)-(0.03, 20), vbBlack
Picture1.Line (0, 30)-(0.03, 30), vbBlack
Picture1.Line (0, 40)-(0.03, 40), vbBlack
Picture1.Line (0, 50)-(0.03, 50), vbBlack
Picture1.Line (0, 60)-(0.03, 60), vbBlack
Picture1.Line (0, 70)-(0.03, 70), vbBlack
Picture1.Line (0, 80)-(0.03, 80), vbBlack
Picture1.Line (0, 90)-(0.03, 90), vbBlack
Picture1.Line (0, 100)-(0.03, 100), vbBlack
Picture1.Line (0, 110)-(0.03, 110), vbBlack
Picture1.Line (0, 120)-(0.03, 120), vbBlack
Picture1.Line (0, 130)-(0.03, 130), vbBlack
Picture1.Line (0, 140)-(0.03, 140), vbBlack
Picture1.Line (0, 150)-(0.03, 150), vbBlack
Picture1.Line (0, 160)-(0.03, 160), vbBlack
Picture1.Line (0, 170)-(0.03, 170), vbBlack
Picture1.Line (0.1, 0)-(0.1, 5), vbBlack
Picture1.Line (0.2, 0)-(0.2, 5), vbBlack
Picture1.Line (0.3, 0)-(0.3, 5), vbBlack
Picture1.Line (0.4, 0)-(0.4, 5), vbBlack
Picture1.Line (0.5, 0)-(0.5, 5), vbBlack
Picture1.Line (0.6, 0)-(0.6, 5), vbBlack
Picture1.Line (0.7, 0)-(0.7, 5), vbBlack
Picture1.Line (0.8, 0)-(0.8, 5), vbBlack
Picture1.Line (0.9, 0)-(0.9, 5), vbBlack
Picture1.Line (1, 0)-(1, 5), vbBlack
Picture1.Line (1.1, 0)-(1.1, 5), vbBlack
Picture1.Line (1.2, 0)-(1.2, 5), vbBlack
Picture1.Line (1.3, 0)-(1.3, 5), vbBlack
Picture1.Line (1.4, 0)-(1.4, 5), vbBlack
Picture1.Line (1.5, 0)-(1.5, 5), vbBlack
Picture1.Line (1.6, 0)-(1.6, 5), vbBlack
Picture1.Line (1.7, 0)-(1.7, 5), vbBlack
Picture1.Line (1.8, 0)-(1.8, 5), vbBlack
Picture1.Line (1.9, 0)-(1.9, 5), vbBlack
Picture1.Line (2, 0)-(2, 5), vbBlack
Picture1.Line (2.1, 0)-(2.1, 5), vbBlack
Picture1.Line (2.2, 0)-(2.2, 5), vbBlack
Picture1.Line (2.3, 0)-(2.3, 5), vbBlack
End Sub
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Sub EsalNol3()
Picture1.Scale (0, 180)-(2.4, 0)
Picture1.Line (1.38, 0)-(1.4, 2.7529), RGB(255, 0, 255)
Picture1.Line (1.4, 2.7529)-(1.425, 6.0647), RGB(255, 0, 255)
Picture1.Line (1.425, 6.0647)-(1.45, 9.2423), RGB(255, 0, 255)
Picture1.Line (1.45, 9.2423)-(1.475, 12.2953), RGB(255, 0, 255)
Picture1.Line (1.475, 12.2953)-(1.5, 15.2331), RGB(255, 0, 255)
Picture1.Line (1.5, 15.2331)-(1.525, 18.0643), RGB(255, 0, 255)
Picture1.Line (1.525, 18.0643)-(1.55, 20.7974), RGB(255, 0, 255)
Picture1.Line (1.55, 20.7974)-(1.575, 23.4401), RGB(255, 0, 255)
Picture1.Line (1.575, 23.4401)-(1.6, 26), RGB(255, 0, 255)
Picture1.Line (1.6, 26)-(1.625, 28.484), RGB(255, 0, 255)
Picture1.Line (1.625, 28.484)-(1.65, 30.8985), RGB(255, 0, 255)
Picture1.Line (1.65, 30.8985)-(1.675, 33.2498), RGB(255, 0, 255)
Picture1.Line (1.675, 33.2498)-(1.7, 35.5434), RGB(255, 0, 255)
Picture1.Line (1.7, 35.5434)-(1.725, 37.7845), RGB(255, 0, 255)
Picture1.Line (1.725, 37.7845)-(1.75, 39.9778), RGB(255, 0, 255)
Picture1.Line (1.75, 39.9778)-(1.775, 42.1276), RGB(255, 0, 255)
Picture1.Line (1.775, 42.1276)-(1.8, 44.2378), RGB(255, 0, 255)
Picture1.Line (1.8, 44.2378)-(1.825, 46.3116), RGB(255, 0, 255)
Picture1.Line (1.825, 46.3116)-(1.85, 48.352), RGB(255, 0, 255)
Picture1.Line (1.85, 48.352)-(1.875, 50.3615), RGB(255, 0, 255)
Picture1.Line (1.875, 50.3615)-(1.9, 52.3421), RGB(255, 0, 255)
Picture1.Line (1.9, 52.3421)-(1.925, 54.2954), RGB(255, 0, 255)
Picture1.Line (1.925, 54.2954)-(1.95, 56.2954), RGB(255, 0, 255)
Picture1.Line (1.95, 56.2954)-(1.975, 58.1239), RGB(255, 0, 255)
Picture1.Line (1.975, 58.1239)-(2, 60), RGB(255, 0, 255)
Picture1.Line (2, 60)-(2.025, 61.8506), RGB(255, 0, 255)
Picture1.Line (2.025, 61.8506)-(2.05, 63.6749), RGB(255, 0, 255)
Picture1.Line (2.05, 63.6749)-(2.075, 65.4718), RGB(255, 0, 255)
Picture1.Line (2.075, 65.4718)-(2.1, 67.2397), RGB(255, 0, 255)
Picture1.Line (2.1, 67.2397)-(2.125, 68.9765), RGB(255, 0, 255)
Picture1.Line (2.125, 68.9765)-(2.15, 70.6799), RGB(255, 0, 255)
Picture1.Line (2.15, 70.6799)-(2.175, 72.3468), RGB(255, 0, 255)
Picture1.Line (2.175, 72.3468)-(2.2, 73.9739), RGB(255, 0, 255)
Picture1.Line (2.2, 73.9739)-(2.225, 75.5572), RGB(255, 0, 255)
Picture1.Line (2.225, 75.5572)-(2.25, 77.0926), RGB(255, 0, 255)
Picture1.Line (2.25, 77.0926)-(2.275, 78.5753), RGB(255, 0, 255)
Picture1.Line (2.275, 78.5753)-(2.3, 80), RGB(255, 0, 255)
Picture1.Line (2.3, 80)-(2.325, 81.3612), RGB(255, 0, 255)
Picture1.Line (2.325, 81.3612)-(2.35, 82.6526), RGB(255, 0, 255)
Picture1.Line (2.35, 82.6526)-(2.375, 83.8679), RGB(255, 0, 255)
Picture1.Line (2.375, 83.8679)-(2.4, 85), RGB(255, 0, 255)
Picture1.Line (0, 10)-(0.03, 10), vbBlack
Picture1.Line (0, 20)-(0.03, 20), vbBlack
Picture1.Line (0, 30)-(0.03, 30), vbBlack
Picture1.Line (0, 40)-(0.03, 40), vbBlack
Picture1.Line (0, 50)-(0.03, 50), vbBlack
Picture1.Line (0, 60)-(0.03, 60), vbBlack
Picture1.Line (0, 70)-(0.03, 70), vbBlack
Picture1.Line (0, 80)-(0.03, 80), vbBlack
Picture1.Line (0, 90)-(0.03, 90), vbBlack
Picture1.Line (0, 100)-(0.03, 100), vbBlack
Picture1.Line (0, 110)-(0.03, 110), vbBlack
Picture1.Line (0, 120)-(0.03, 120), vbBlack
Picture1.Line (0, 130)-(0.03, 130), vbBlack
Picture1.Line (0, 140)-(0.03, 140), vbBlack
Picture1.Line (0, 150)-(0.03, 150), vbBlack
Picture1.Line (0, 160)-(0.03, 160), vbBlack
Picture1.Line (0, 170)-(0.03, 170), vbBlack
Picture1.Line (0.1, 0)-(0.1, 5), vbBlack
Picture1.Line (0.2, 0)-(0.2, 5), vbBlack
Picture1.Line (0.3, 0)-(0.3, 5), vbBlack
Picture1.Line (0.4, 0)-(0.4, 5), vbBlack
Picture1.Line (0.5, 0)-(0.5, 5), vbBlack
Picture1.Line (0.6, 0)-(0.6, 5), vbBlack
Picture1.Line (0.7, 0)-(0.7, 5), vbBlack
Picture1.Line (0.8, 0)-(0.8, 5), vbBlack
Picture1.Line (0.9, 0)-(0.9, 5), vbBlack
Picture1.Line (1, 0)-(1, 5), vbBlack
Picture1.Line (1.1, 0)-(1.1, 5), vbBlack
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Picture1.Line (1.2, 0)-(1.2, 5), vbBlack
Picture1.Line (1.3, 0)-(1.3, 5), vbBlack
Picture1.Line (1.4, 0)-(1.4, 5), vbBlack
Picture1.Line (1.5, 0)-(1.5, 5), vbBlack
Picture1.Line (1.6, 0)-(1.6, 5), vbBlack
Picture1.Line (1.7, 0)-(1.7, 5), vbBlack
Picture1.Line (1.8, 0)-(1.8, 5), vbBlack
Picture1.Line (1.9, 0)-(1.9, 5), vbBlack
Picture1.Line (2, 0)-(2, 5), vbBlack
Picture1.Line (2.1, 0)-(2.1, 5), vbBlack
Picture1.Line (2.2, 0)-(2.2, 5), vbBlack
Picture1.Line (2.3, 0)-(2.3, 5), vbBlack
End Sub

Sub EsalNol5()
Picture1.Scale (0, 180)-(2.4, 0)
Picture1.Line (1.26, 0)-(1.275, 2.1434), vbBlack
Picture1.Line (1.275, 2.1434)-(1.3, 5.6576), vbBlack
Picture1.Line (1.3, 5.6576)-(1.325, 9.0998), vbBlack
Picture1.Line (1.325, 9.0998)-(1.35, 12.4705), vbBlack
Picture1.Line (1.35, 12.4705)-(1.375, 15.7703), vbBlack
Picture1.Line (1.375, 15.7703)-(1.4, 19), vbBlack
Picture1.Line (1.4, 19)-(1.425, 22.1602), vbBlack
Picture1.Line (1.425, 22.1602)-(1.45, 25.2516), vbBlack
Picture1.Line (1.45, 25.2516)-(1.475, 28.2748), vbBlack
Picture1.Line (1.475, 28.2748)-(1.5, 31.2307), vbBlack
Picture1.Line (1.5, 31.2307)-(1.525, 34.1199), vbBlack
Picture1.Line (1.525, 34.1199)-(1.55, 36.9432), vbBlack
Picture1.Line (1.55, 36.9432)-(1.575, 39.7013), vbBlack
Picture1.Line (1.575, 39.7013)-(1.6, 42.3951), vbBlack
Picture1.Line (1.6, 42.3951)-(1.625, 45.0252), vbBlack
Picture1.Line (1.625, 45.0252)-(1.65, 47.5926), vbBlack
Picture1.Line (1.65, 47.5926)-(1.675, 50.098), vbBlack
Picture1.Line (1.675, 50.098)-(1.7, 52.5422), vbBlack
Picture1.Line (1.7, 52.5422)-(1.725, 54.9262), vbBlack
Picture1.Line (1.725, 54.9262)-(1.75, 57.2507), vbBlack
Picture1.Line (1.75, 57.2507)-(1.775, 59.5167), vbBlack
Picture1.Line (1.775, 59.5167)-(1.8, 61.725), vbBlack
Picture1.Line (1.8, 61.725)-(1.825, 63.8766), vbBlack
Picture1.Line (1.825, 63.8766)-(1.85, 65.9723), vbBlack
Picture1.Line (1.85, 65.9723)-(1.875, 68.0131), vbBlack
Picture1.Line (1.875, 68.0131)-(1.9, 70), vbBlack
Picture1.Line (1.9, 70)-(1.925, 71.9339), vbBlack
Picture1.Line (1.925, 71.9339)-(1.95, 73.8158), vbBlack
Picture1.Line (1.95, 73.8158)-(1.975, 75.6466), vbBlack
Picture1.Line (1.975, 75.6466)-(2, 77.4275), vbBlack
Picture1.Line (2, 77.4275)-(2.025, 79.1594), vbBlack
Picture1.Line (2.025, 79.1594)-(2.05, 80.8433), vbBlack
Picture1.Line (2.05, 80.8433)-(2.075, 82.4803), vbBlack
Picture1.Line (2.075, 82.4803)-(2.1, 84.0716), vbBlack
Picture1.Line (2.1, 84.0716)-(2.125, 85.618), vbBlack
Picture1.Line (2.125, 85.618)-(2.15, 87.1208), vbBlack
Picture1.Line (2.15, 87.1208)-(2.175, 88.5811), vbBlack
Picture1.Line (2.175, 88.5811)-(2.2, 90), vbBlack
Picture1.Line (2.2, 90)-(2.225, 91.3786), vbBlack
Picture1.Line (2.225, 91.3786)-(2.25, 92.7181), vbBlack
Picture1.Line (2.25, 92.7181)-(2.275, 94.0196), vbBlack
Picture1.Line (2.275, 94.0196)-(2.3, 95.2844), vbBlack
Picture1.Line (2.3, 95.2844)-(2.325, 96.5136), vbBlack
Picture1.Line (2.325, 96.5136)-(2.35, 97.7084), vbBlack
Picture1.Line (2.35, 97.7084)-(2.375, 98.8702), vbBlack
Picture1.Line (2.375, 98.8702)-(2.4, 100), vbBlack
Picture1.Line (0.1, 0)-(0.1, 5), vbBlack
Picture1.Line (0.2, 0)-(0.2, 5), vbBlack
Picture1.Line (0.3, 0)-(0.3, 5), vbBlack
Picture1.Line (0.4, 0)-(0.4, 5), vbBlack
Picture1.Line (0.5, 0)-(0.5, 5), vbBlack
Picture1.Line (0.6, 0)-(0.6, 5), vbBlack
Picture1.Line (0.7, 0)-(0.7, 5), vbBlack
Picture1.Line (0.8, 0)-(0.8, 5), vbBlack
Picture1.Line (0.9, 0)-(0.9, 5), vbBlack

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Picture1.Line (1, 0)-(1, 5), vbBlack
Picture1.Line (1.1, 0)-(1.1, 5), vbBlack
Picture1.Line (1.2, 0)-(1.2, 5), vbBlack
Picture1.Line (1.3, 0)-(1.3, 5), vbBlack
Picture1.Line (1.4, 0)-(1.4, 5), vbBlack
Picture1.Line (1.5, 0)-(1.5, 5), vbBlack
Picture1.Line (1.6, 0)-(1.6, 5), vbBlack
Picture1.Line (1.7, 0)-(1.7, 5), vbBlack
Picture1.Line (1.8, 0)-(1.8, 5), vbBlack
Picture1.Line (1.9, 0)-(1.9, 5), vbBlack
Picture1.Line (2, 0)-(2, 5), vbBlack
Picture1.Line (2.1, 0)-(2.1, 5), vbBlack
Picture1.Line (2.2, 0)-(2.2, 5), vbBlack
Picture1.Line (2.3, 0)-(2.3, 5), vbBlack
End Sub

Private Sub TbPlot_Click()
Call tebaloverlay
Dim mewakili As Byte
Dim Plot As Byte
mewakili = Val(cmbMewakili)
Plot = Val(txtPlot.Text)
Picture1.Scale (0.8, 180)-(2.4, 0)
Picture1.Line (mewakili, Plot)-(mewakili, 0), vbGreen
Picture1.Line (0, Plot)-(mewakili, Plot), vbGreen
End Sub

Sub tebaloverlay()
Dim Overlay As Double
Overlay = Val(txtPlot.Text)
txtOverlay = Overlay / 10
End Sub

Private Sub cmbMewakili_Click()
Dim mewakili As Byte
mewakili = Val(cmbMewakili)
Picture1.Scale (0.8, 180)-(2.4, 0)
Picture1.Line (mewakili, 0)-(mewakili, 10), vbGreen
End Sub

Private Sub TbSimpan_Click()
If txtAgregat.Text = "" Then
MsgBox "Lapis Pondasi Existing tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtAgregat.SetFocus
ElseIf txtOverlay.Text = "" Then
MsgBox "Tebal Overlay tidak boleh kosong!", _
vbInformation + vbOKOnly, "Perhatian"
txtOverlay.SetFocus
Else
SqlUpdate = "UPDATE in_hasil " _
& " SET Agregat_Exist='" & txtAgregat.Text & "', " _
& " Tebal_Overlay='" & txtOverlay.Text & "'"
KoneksiDB.Execute SqlUpdate, , adCmdText
Rs_Hasil.Requery
Call Form_Load
MsgBox "DATA TELAH TERSIMPAN!", _
vbOKOnly + vbInformation, "Sukses"
End If
End Sub

Sub Esal75()
Picture1.Scale (0, 180)-(2.4, 0)
Picture1.Line (0.92, 0)-(0.925, 1.2593), RGB(255, 0, 255)
Picture1.Line (0.925, 1.2593)-(0.95, 7.1714), RGB(255, 0, 255)
Picture1.Line (0.95, 7.1714)-(0.975, 12.853), RGB(255, 0, 255)
Picture1.Line (0.975, 12.853)-(1, 18.3142), RGB(255, 0, 255)
Picture1.Line (1, 18.3142)-(1.025, 23.5648), RGB(255, 0, 255)
Picture1.Line (1.025, 23.5648)-(1.05, 28.6144), RGB(255, 0, 255)
Picture1.Line (1.05, 28.6144)-(1.075, 33.4722), RGB(255, 0, 255)
Picture1.Line (1.075, 33.4722)-(1.1, 38.1473), RGB(255, 0, 255)

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Picture1.Line (1.1, 38.1473)-(1.125, 42.6485), RGB(255, 0, 255)  
 Picture1.Line (1.125, 42.6485)-(1.15, 46.9842), RGB(255, 0, 255)  
 Picture1.Line (1.15, 46.9842)-(1.175, 51.1628), RGB(255, 0, 255)  
 Picture1.Line (1.175, 51.1628)-(1.2, 55.1922), RGB(255, 0, 255)  
 Picture1.Line (1.2, 55.1922)-(1.225, 59.0802), RGB(255, 0, 255)  
 Picture1.Line (1.225, 59.0802)-(1.25, 62.8343), RGB(255, 0, 255)  
 Picture1.Line (1.25, 62.8343)-(1.275, 66.4616), RGB(255, 0, 255)  
 Picture1.Line (1.275, 66.4616)-(1.3, 69.9691), RGB(255, 0, 255)  
 Picture1.Line (1.3, 69.9691)-(1.325, 73.3636), RGB(255, 0, 255)  
 Picture1.Line (1.325, 73.3636)-(1.35, 76.6514), RGB(255, 0, 255)  
 Picture1.Line (1.35, 76.6514)-(1.375, 79.8388), RGB(255, 0, 255)  
 Picture1.Line (1.375, 79.8388)-(1.4, 82.9316), RGB(255, 0, 255)  
 Picture1.Line (1.4, 82.9316)-(1.425, 85.9355), RGB(255, 0, 255)  
 Picture1.Line (1.425, 85.9355)-(1.45, 88.856), RGB(255, 0, 255)  
 Picture1.Line (1.45, 88.856)-(1.475, 91.6981), RGB(255, 0, 255)  
 Picture1.Line (1.475, 91.6981)-(1.5, 94.4667), RGB(255, 0, 255)  
 Picture1.Line (1.5, 94.4667)-(1.525, 97.1665), RGB(255, 0, 255)  
 Picture1.Line (1.525, 97.1665)-(1.55, 99.8018), RGB(255, 0, 255)  
 Picture1.Line (1.55, 99.8018)-(1.575, 102.3767), RGB(255, 0, 255)  
 Picture1.Line (1.575, 102.3767)-(1.6, 104.8951), RGB(255, 0, 255)  
 Picture1.Line (1.6, 104.8951)-(1.625, 107.3605), RGB(255, 0, 255)  
 Picture1.Line (1.625, 107.3605)-(1.65, 109.7762), RGB(255, 0, 255)  
 Picture1.Line (1.65, 109.7762)-(1.675, 112.1453), RGB(255, 0, 255)  
 Picture1.Line (1.675, 112.1453)-(1.7, 114.4707), RGB(255, 0, 255)  
 Picture1.Line (1.7, 114.4707)-(1.725, 116.7548), RGB(255, 0, 255)  
 Picture1.Line (1.725, 116.7548)-(1.75, 119), RGB(255, 0, 255)  
 Picture1.Line (1.75, 119)-(1.775, 121.2082), RGB(255, 0, 255)  
 Picture1.Line (1.775, 121.2082)-(1.8, 123.3812), RGB(255, 0, 255)  
 Picture1.Line (1.8, 123.3812)-(1.825, 125.5206), RGB(255, 0, 255)  
 Picture1.Line (1.825, 125.5206)-(1.85, 127.6275), RGB(255, 0, 255)  
 Picture1.Line (1.85, 127.6275)-(1.875, 129.703), RGB(255, 0, 255)  
 Picture1.Line (1.875, 129.703)-(1.9, 131.7477), RGB(255, 0, 255)  
 Picture1.Line (1.9, 131.7477)-(1.925, 133.7621), RGB(255, 0, 255)  
 Picture1.Line (1.925, 133.7621)-(1.95, 135.7465), RGB(255, 0, 255)  
 Picture1.Line (1.95, 135.7465)-(1.975, 137.7008), RGB(255, 0, 255)  
 Picture1.Line (1.975, 137.7008)-(2, 139.6246), RGB(255, 0, 255)  
 Picture1.Line (2, 139.6246)-(2.025, 141.5174), RGB(255, 0, 255)  
 Picture1.Line (2.025, 141.5174)-(2.05, 143.3783), RGB(255, 0, 255)  
 Picture1.Line (2.05, 143.3783)-(2.075, 145.2063), RGB(255, 0, 255)  
 Picture1.Line (2.075, 145.2063)-(2.1, 147), RGB(255, 0, 255)  
 Picture1.Line (2.1, 147)-(2.125, 148.7578), RGB(255, 0, 255)  
 Picture1.Line (2.125, 148.7578)-(2.15, 150.4777), RGB(255, 0, 255)  
 Picture1.Line (2.15, 150.4777)-(2.175, 152.1577), RGB(255, 0, 255)  
 Picture1.Line (2.175, 152.1577)-(2.2, 153.7954), RGB(255, 0, 255)  
 Picture1.Line (2.2, 153.7954)-(2.225, 155.3882), RGB(255, 0, 255)  
 Picture1.Line (2.225, 155.3882)-(2.25, 156.933), RGB(255, 0, 255)  
 Picture1.Line (2.25, 156.933)-(2.275, 158.4267), RGB(255, 0, 255)  
 Picture1.Line (2.275, 158.4267)-(2.3, 159.8659), RGB(255, 0, 255)  
 Picture1.Line (2.3, 159.8659)-(2.325, 161.247), RGB(255, 0, 255)  
 Picture1.Line (2.325, 161.247)-(2.35, 162.5658), RGB(255, 0, 255)  
 Picture1.Line (2.35, 162.5658)-(2.375, 163.8183), RGB(255, 0, 255)  
 Picture1.Line (2.375, 163.8183)-(2.4, 165), RGB(255, 0, 255)  
 Picture1.Line (0, 10)-(0.03, 10), vbBlack  
 Picture1.Line (0, 20)-(0.03, 20), vbBlack  
 Picture1.Line (0, 30)-(0.03, 30), vbBlack  
 Picture1.Line (0, 40)-(0.03, 40), vbBlack  
 Picture1.Line (0, 50)-(0.03, 50), vbBlack  
 Picture1.Line (0, 60)-(0.03, 60), vbBlack  
 Picture1.Line (0, 70)-(0.03, 70), vbBlack  
 Picture1.Line (0, 80)-(0.03, 80), vbBlack  
 Picture1.Line (0, 90)-(0.03, 90), vbBlack  
 Picture1.Line (0, 100)-(0.03, 100), vbBlack  
 Picture1.Line (0, 110)-(0.03, 110), vbBlack  
 Picture1.Line (0, 120)-(0.03, 120), vbBlack  
 Picture1.Line (0, 130)-(0.03, 130), vbBlack  
 Picture1.Line (0, 140)-(0.03, 140), vbBlack  
 Picture1.Line (0, 150)-(0.03, 150), vbBlack  
 Picture1.Line (0, 160)-(0.03, 160), vbBlack  
 Picture1.Line (0, 170)-(0.03, 170), vbBlack  
 Picture1.Line (0.1, 0)-(0.1, 5), vbBlack  
 Picture1.Line (0.2, 0)-(0.2, 5), vbBlack

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Picture1.Line (0.3, 0)-(0.3, 5), vbBlack
Picture1.Line (0.4, 0)-(0.4, 5), vbBlack
Picture1.Line (0.5, 0)-(0.5, 5), vbBlack
Picture1.Line (0.6, 0)-(0.6, 5), vbBlack
Picture1.Line (0.7, 0)-(0.7, 5), vbBlack
Picture1.Line (0.8, 0)-(0.8, 5), vbBlack
Picture1.Line (0.9, 0)-(0.9, 5), vbBlack
Picture1.Line (1, 0)-(1, 5), vbBlack
Picture1.Line (1.1, 0)-(1.1, 5), vbBlack
Picture1.Line (1.2, 0)-(1.2, 5), vbBlack
Picture1.Line (1.3, 0)-(1.3, 5), vbBlack
Picture1.Line (1.4, 0)-(1.4, 5), vbBlack
Picture1.Line (1.5, 0)-(1.5, 5), vbBlack
Picture1.Line (1.6, 0)-(1.6, 5), vbBlack
Picture1.Line (1.7, 0)-(1.7, 5), vbBlack
Picture1.Line (1.8, 0)-(1.8, 5), vbBlack
Picture1.Line (1.9, 0)-(1.9, 5), vbBlack
Picture1.Line (2, 0)-(2, 5), vbBlack
Picture1.Line (2.1, 0)-(2.1, 5), vbBlack
Picture1.Line (2.2, 0)-(2.2, 5), vbBlack
Picture1.Line (2.3, 0)-(2.3, 5), vbBlack
End Sub

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Sub Esal35()
```

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Picture1.Scale (0, 180)-(2.4, 0)
Picture1.Line (0.988, 0)-(1, 2.9576), RGB(0, 255, 255)
Picture1.Line (1, 2.9576)-(1.025, 8.2612), RGB(0, 255, 255)
Picture1.Line (1.025, 8.2612)-(1.05, 13.3629), RGB(0, 255, 255)
Picture1.Line (1.05, 13.3629)-(1.075, 18.271), RGB(0, 255, 255)
Picture1.Line (1.075, 18.271)-(1.1, 22.994), RGB(0, 255, 255)
Picture1.Line (1.1, 22.994)-(1.125, 27.5399), RGB(0, 255, 255)
Picture1.Line (1.125, 27.5399)-(1.15, 31.9165), RGB(0, 255, 255)
Picture1.Line (1.15, 31.9165)-(1.175, 36.9165), RGB(0, 255, 255)
Picture1.Line (1.175, 36.1314)-(1.2, 40.1922), RGB(0, 255, 255)
Picture1.Line (1.2, 40.1922)-(1.225, 44.1061), RGB(0, 255, 255)
Picture1.Line (1.225, 44.1061)-(1.25, 47.8802), RGB(0, 255, 255)
Picture1.Line (1.25, 47.8802)-(1.275, 51.5212), RGB(0, 255, 255)
Picture1.Line (1.275, 51.5212)-(1.3, 55.0358), RGB(0, 255, 255)
Picture1.Line (1.3, 55.0358)-(1.325, 58.4306), RGB(0, 255, 255)
Picture1.Line (1.325, 58.4306)-(1.35, 61.7117), RGB(0, 255, 255)
Picture1.Line (1.35, 61.7117)-(1.375, 64.8851), RGB(0, 255, 255)
Picture1.Line (1.375, 64.8851)-(1.4, 67.9568), RGB(0, 255, 255)
Picture1.Line (1.4, 67.9568)-(1.425, 70.9323), RGB(0, 255, 255)
Picture1.Line (1.425, 70.9323)-(1.45, 73.8171), RGB(0, 255, 255)
Picture1.Line (1.45, 73.8171)-(1.475, 76.6164), RGB(0, 255, 255)
Picture1.Line (1.475, 76.6164)-(1.5, 79.3353), RGB(0, 255, 255)
Picture1.Line (1.5, 79.3353)-(1.525, 81.9786), RGB(0, 255, 255)
Picture1.Line (1.525, 81.9786)-(1.55, 84.5509), RGB(0, 255, 255)
Picture1.Line (1.55, 84.5509)-(1.575, 87.0566), RGB(0, 255, 255)
Picture1.Line (1.575, 87.0566)-(1.6, 89.5), RGB(0, 255, 255)
Picture1.Line (1.6, 89.5)-(1.625, 91.8851), RGB(0, 255, 255)
Picture1.Line (1.625, 91.8851)-(1.65, 94.2157), RGB(0, 255, 255)
Picture1.Line (1.65, 94.2157)-(1.675, 96.4955), RGB(0, 255, 255)
Picture1.Line (1.675, 96.4955)-(1.7, 98.7878), RGB(0, 255, 255)
Picture1.Line (1.7, 98.7878)-(1.725, 100.9159), RGB(0, 255, 255)
Picture1.Line (1.725, 100.9159)-(1.75, 103.0628), RGB(0, 255, 255)
Picture1.Line (1.75, 103.0628)-(1.775, 105.1713), RGB(0, 255, 255)
Picture1.Line (1.775, 105.1713)-(1.8, 107.244), RGB(0, 255, 255)
Picture1.Line (1.8, 107.244)-(1.825, 109.2833), RGB(0, 255, 255)
Picture1.Line (1.825, 109.2833)-(1.85, 111.2914), RGB(0, 255, 255)
Picture1.Line (1.85, 111.2914)-(1.875, 113.2704), RGB(0, 255, 255)
Picture1.Line (1.875, 113.2704)-(1.9, 115.222), RGB(0, 255, 255)
Picture1.Line (1.9, 115.222)-(1.925, 117.1479), RGB(0, 255, 255)
Picture1.Line (1.925, 117.1479)-(1.95, 119.0494), RGB(0, 255, 255)
Picture1.Line (1.95, 119.0494)-(1.975, 120.9278), RGB(0, 255, 255)
Picture1.Line (1.975, 120.9278)-(2, 122.784), RGB(0, 255, 255)
Picture1.Line (2, 122.784)-(2.025, 124.6188), RGB(0, 255, 255)
Picture1.Line (2.025, 124.6188)-(2.05, 126.4329), RGB(0, 255, 255)
Picture1.Line (2.05, 126.4329)-(2.075, 128.2265), RGB(0, 255, 255)
Picture1.Line (2.075, 128.2265)-(2.1, 130), RGB(0, 255, 255)
Picture1.Line (2.1, 130)-(2.125, 131.7533), RGB(0, 255, 255)

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Picture1.Line (2.125, 131.7533)-(2.15, 133.4861), RGB(0, 255, 255)
Picture1.Line (2.15, 133.4861)-(2.175, 135.1981), RGB(0, 255, 255)
Picture1.Line (2.175, 135.1981)-(2.2, 136.8887), RGB(0, 255, 255)
Picture1.Line (2.2, 136.8887)-(2.225, 138.557), RGB(0, 255, 255)
Picture1.Line (2.225, 138.557)-(2.25, 140.202), RGB(0, 255, 255)
Picture1.Line (2.25, 140.202)-(2.275, 141.8224), RGB(0, 255, 255)
Picture1.Line (2.275, 141.8224)-(2.3, 143.4169), RGB(0, 255, 255)
Picture1.Line (2.3, 143.4169)-(2.325, 144.9839), RGB(0, 255, 255)
Picture1.Line (2.325, 144.9839)-(2.35, 146.5214), RGB(0, 255, 255)
Picture1.Line (2.35, 146.5214)-(2.375, 148.0276), RGB(0, 255, 255)
Picture1.Line (2.375, 148.0276)-(2.4, 149.5), RGB(0, 255, 255)
Picture1.Line (0, 10)-(0.03, 10), vbBlack
Picture1.Line (0, 20)-(0.03, 20), vbBlack
Picture1.Line (0, 30)-(0.03, 30), vbBlack
Picture1.Line (0, 40)-(0.03, 40), vbBlack
Picture1.Line (0, 50)-(0.03, 50), vbBlack
Picture1.Line (0, 60)-(0.03, 60), vbBlack
Picture1.Line (0, 70)-(0.03, 70), vbBlack
Picture1.Line (0, 80)-(0.03, 80), vbBlack
Picture1.Line (0, 90)-(0.03, 90), vbBlack
Picture1.Line (0, 100)-(0.03, 100), vbBlack
Picture1.Line (0, 110)-(0.03, 110), vbBlack
Picture1.Line (0, 120)-(0.03, 120), vbBlack
Picture1.Line (0, 130)-(0.03, 130), vbBlack
Picture1.Line (0, 140)-(0.03, 140), vbBlack
Picture1.Line (0, 150)-(0.03, 150), vbBlack
Picture1.Line (0, 160)-(0.03, 160), vbBlack
Picture1.Line (0, 170)-(0.03, 170), vbBlack
Picture1.Line (0.1, 0)-(0.1, 5), vbBlack
Picture1.Line (0.2, 0)-(0.2, 5), vbBlack
Picture1.Line (0.3, 0)-(0.3, 5), vbBlack
Picture1.Line (0.4, 0)-(0.4, 5), vbBlack
Picture1.Line (0.5, 0)-(0.5, 5), vbBlack
Picture1.Line (0.6, 0)-(0.6, 5), vbBlack
Picture1.Line (0.7, 0)-(0.7, 5), vbBlack
Picture1.Line (0.8, 0)-(0.8, 5), vbBlack
Picture1.Line (0.9, 0)-(0.9, 5), vbBlack
Picture1.Line (1, 0)-(1, 5), vbBlack
Picture1.Line (1.1, 0)-(1.1, 5), vbBlack
Picture1.Line (1.2, 0)-(1.2, 5), vbBlack
Picture1.Line (1.3, 0)-(1.3, 5), vbBlack
Picture1.Line (1.4, 0)-(1.4, 5), vbBlack
Picture1.Line (1.5, 0)-(1.5, 5), vbBlack
Picture1.Line (1.6, 0)-(1.6, 5), vbBlack
Picture1.Line (1.7, 0)-(1.7, 5), vbBlack
Picture1.Line (1.8, 0)-(1.8, 5), vbBlack
Picture1.Line (1.9, 0)-(1.9, 5), vbBlack
Picture1.Line (2, 0)-(2, 5), vbBlack
Picture1.Line (2.1, 0)-(2.1, 5), vbBlack
Picture1.Line (2.2, 0)-(2.2, 5), vbBlack
Picture1.Line (2.3, 0)-(2.3, 5), vbBlack
End Sub

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Sub Esal15()
Picture1.Scale (0, 180)-(2.4, 0)
Picture1.Line (1.083, 0)-(1.1, 3.5538), vbBlue
Picture1.Line (1.1, 3.5538)-(1.125, 8.1424), vbBlue
Picture1.Line (1.125, 8.1424)-(1.15, 12.5638), vbBlue
Picture1.Line (1.15, 12.5638)-(1.175, 16.8252), vbBlue
Picture1.Line (1.175, 16.8252)-(1.2, 20.934), vbBlue
Picture1.Line (1.2, 20.934)-(1.225, 24.897), vbBlue
Picture1.Line (1.225, 24.897)-(1.25, 28.721), vbBlue
Picture1.Line (1.25, 28.721)-(1.275, 32.4126), vbBlue
Picture1.Line (1.275, 32.4126)-(1.3, 35.978), vbBlue
Picture1.Line (1.3, 35.978)-(1.325, 39.4235), vbBlue
Picture1.Line (1.325, 39.4235)-(1.35, 42.7551), vbBlue
Picture1.Line (1.35, 42.7551)-(1.375, 45.9785), vbBlue
Picture1.Line (1.375, 45.9785)-(1.4, 49.0992), vbBlue
Picture1.Line (1.4, 49.0992)-(1.425, 52.1228), vbBlue
Picture1.Line (1.425, 52.1228)-(1.45, 55.0543), vbBlue
Picture1.Line (1.45, 55.0543)-(1.475, 57.8987), vbBlue

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Picture1.Line (1.475, 57.8987)-(1.5, 60.6608), vbBlue  
Picture1.Line (1.5, 60.6608)-(1.525, 63.3453), vbBlue  
Picture1.Line (1.525, 63.3453)-(1.55, 65.9564), vbBlue  
Picture1.Line (1.55, 65.9564)-(1.575, 68.4985), vbBlue  
Picture1.Line (1.575, 68.4985)-(1.6, 70.9755), vbBlue  
Picture1.Line (1.6, 70.9755)-(1.625, 73.3911), vbBlue  
Picture1.Line (1.625, 73.7491)-(1.65, 75.7491), vbBlue  
Picture1.Line (1.65, 75.7491)-(1.675, 78.0528), vbBlue  
Picture1.Line (1.675, 78.0528)-(1.7, 80.3054), vbBlue  
Picture1.Line (1.7, 80.3054)-(1.725, 82.51), vbBlue  
Picture1.Line (1.725, 82.51)-(1.75, 84.6694), vbBlue  
Picture1.Line (1.75, 84.6694)-(1.775, 86.7861), vbBlue  
Picture1.Line (1.775, 86.7861)-(1.8, 88.8627), vbBlue  
Picture1.Line (1.8, 88.8627)-(1.825, 90.9013), vbBlue  
Picture1.Line (1.825, 90.9013)-(1.85, 92.904), vbBlue  
Picture1.Line (1.85, 92.904)-(1.875, 94.8727), vbBlue  
Picture1.Line (1.875, 94.8727)-(1.9, 96.8088), vbBlue  
Picture1.Line (1.9, 96.8088)-(1.925, 98.714), vbBlue  
Picture1.Line (1.925, 98.714)-(1.95, 100.5894), vbBlue  
Picture1.Line (1.95, 100.5894)-(1.975, 102.4361), vbBlue  
Picture1.Line (1.975, 102.4361)-(2, 104.255), vbBlue  
Picture1.Line (2, 104.255)-(2.025, 106.0466), vbBlue  
Picture1.Line (2.025, 106.0466)-(2.05, 107.8115), vbBlue  
Picture1.Line (2.05, 107.8115)-(2.075, 109.55), vbBlue  
Picture1.Line (2.075, 109.55)-(2.1, 111.262), vbBlue  
Picture1.Line (2.1, 111.262)-(2.125, 112.9474), vbBlue  
Picture1.Line (2.125, 112.9474)-(2.15, 114.606), vbBlue  
Picture1.Line (2.15, 114.606)-(2.175, 116.2371), vbBlue  
Picture1.Line (2.175, 116.2371)-(2.2, 117.8402), vbBlue  
Picture1.Line (2.2, 117.8402)-(2.225, 119.4141), vbBlue  
Picture1.Line (2.225, 119.4141)-(2.25, 120.9579), vbBlue  
Picture1.Line (2.25, 120.9579)-(2.275, 122.4703), vbBlue  
Picture1.Line (2.275, 122.4703)-(2.3, 123.9496), vbBlue  
Picture1.Line (2.3, 123.9496)-(2.325, 125.3943), vbBlue  
Picture1.Line (2.325, 125.3943)-(2.35, 126.8023), vbBlue  
Picture1.Line (2.35, 126.8023)-(2.375, 128.1717), vbBlue  
Picture1.Line (2.375, 128.1717)-(2.4, 129.5), vbBlue  
Picture1.Line (0, 10)-(0.03, 10), vbBlack  
Picture1.Line (0, 20)-(0.03, 20), vbBlack  
Picture1.Line (0, 30)-(0.03, 30), vbBlack  
Picture1.Line (0, 40)-(0.03, 40), vbBlack  
Picture1.Line (0, 50)-(0.03, 50), vbBlack  
Picture1.Line (0, 60)-(0.03, 60), vbBlack  
Picture1.Line (0, 70)-(0.03, 70), vbBlack  
Picture1.Line (0, 80)-(0.03, 80), vbBlack  
Picture1.Line (0, 90)-(0.03, 90), vbBlack  
Picture1.Line (0, 100)-(0.03, 100), vbBlack  
Picture1.Line (0, 110)-(0.03, 110), vbBlack  
Picture1.Line (0, 120)-(0.03, 120), vbBlack  
Picture1.Line (0, 130)-(0.03, 130), vbBlack  
Picture1.Line (0, 140)-(0.03, 140), vbBlack  
Picture1.Line (0, 150)-(0.03, 150), vbBlack  
Picture1.Line (0, 160)-(0.03, 160), vbBlack  
Picture1.Line (0, 170)-(0.03, 170), vbBlack  
Picture1.Line (0.1, 0)-(0.1, 5), vbBlack  
Picture1.Line (0.2, 0)-(0.2, 5), vbBlack  
Picture1.Line (0.3, 0)-(0.3, 5), vbBlack  
Picture1.Line (0.4, 0)-(0.4, 5), vbBlack  
Picture1.Line (0.5, 0)-(0.5, 5), vbBlack  
Picture1.Line (0.6, 0)-(0.6, 5), vbBlack  
Picture1.Line (0.7, 0)-(0.7, 5), vbBlack  
Picture1.Line (0.8, 0)-(0.8, 5), vbBlack  
Picture1.Line (0.9, 0)-(0.9, 5), vbBlack  
Picture1.Line (1, 0)-(1, 5), vbBlack  
Picture1.Line (1.1, 0)-(1.1, 5), vbBlack  
Picture1.Line (1.2, 0)-(1.2, 5), vbBlack  
Picture1.Line (1.3, 0)-(1.3, 5), vbBlack  
Picture1.Line (1.4, 0)-(1.4, 5), vbBlack  
Picture1.Line (1.5, 0)-(1.5, 5), vbBlack  
Picture1.Line (1.6, 0)-(1.6, 5), vbBlack  
Picture1.Line (1.7, 0)-(1.7, 5), vbBlack



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Picture1.Line (1.8, 0)-(1.8, 5), vbBlack
Picture1.Line (1.9, 0)-(1.9, 5), vbBlack
Picture1.Line (2, 0)-(2, 5), vbBlack
Picture1.Line (2.1, 0)-(2.1, 5), vbBlack
Picture1.Line (2.2, 0)-(2.2, 5), vbBlack
Picture1.Line (2.3, 0)-(2.3, 5), vbBlack
End Sub

Sub EsalNol75()
Picture1.Scale (0, 180)-(2.4, 0)
Picture1.Line (1.195, 0)-(1.2, 1.515), vbRed
Picture1.Line (1.2, 1.515)-(1.225, 5.3594), vbRed
Picture1.Line (1.225, 5.3594)-(1.25, 9.0978), vbRed
Picture1.Line (1.25, 9.0978)-(1.275, 12.7338), vbRed
Picture1.Line (1.275, 12.7338)-(1.3, 16.271), vbRed
Picture1.Line (1.3, 16.271)-(1.325, 19.7129), vbRed
Picture1.Line (1.325, 19.7129)-(1.35, 23.0629), vbRed
Picture1.Line (1.35, 23.0629)-(1.375, 26.3242), vbRed
Picture1.Line (1.375, 26.3242)-(1.4, 29.5), vbRed
Picture1.Line (1.4, 29)-(1.425, 32.5933), vbRed
Picture1.Line (1.425, 32.5933)-(1.45, 35.6072), vbRed
Picture1.Line (1.45, 35.6072)-(1.475, 38.5443), vbRed
Picture1.Line (1.475, 38.5443)-(1.5, 41.4076), vbRed
Picture1.Line (1.5, 41.4076)-(1.525, 44.1996), vbRed
Picture1.Line (1.525, 44.1996)-(1.55, 46.9229), vbRed
Picture1.Line (1.55, 46.9229)-(1.575, 49.5799), vbRed
Picture1.Line (1.575, 49.5799)-(1.6, 52.173), vbRed
Picture1.Line (1.6, 52.173)-(1.625, 54.7044), vbRed
Picture1.Line (1.625, 54.7044)-(1.65, 57.1762), vbRed
Picture1.Line (1.65, 57.1762)-(1.675, 59.5905), vbRed
Picture1.Line (1.675, 59.5905)-(1.7, 61.9491), vbRed
Picture1.Line (1.7, 61.9491)-(1.725, 64.254), vbRed
Picture1.Line (1.725, 64.254)-(1.75, 66.5068), vbRed
Picture1.Line (1.75, 66.5068)-(1.775, 68.7091), vbRed
Picture1.Line (1.775, 68.7091)-(1.8, 70.8625), vbRed
Picture1.Line (1.8, 70.8625)-(1.825, 72.9684), vbRed
Picture1.Line (1.825, 72.9684)-(1.85, 75.0281), vbRed
Picture1.Line (1.85, 75.0281)-(1.875, 77.0427), vbRed
Picture1.Line (1.875, 77.0427)-(1.9, 79.0135), vbRed
Picture1.Line (1.9, 79.0135)-(1.925, 80.9414), vbRed
Picture1.Line (1.925, 80.9414)-(1.95, 82.8272), vbRed
Picture1.Line (1.95, 82.8272)-(1.975, 84.6719), vbRed
Picture1.Line (1.975, 84.6719)-(2, 86.476), vbRed
Picture1.Line (2, 86.476)-(2.025, 88.2402), vbRed
Picture1.Line (2.025, 88.2402)-(2.05, 89.965), vbRed
Picture1.Line (2.05, 89.965)-(2.075, 91.6508), vbRed
Picture1.Line (2.075, 91.6508)-(2.1, 93.2977), vbRed
Picture1.Line (2.1, 93.2977)-(2.125, 94.9061), vbRed
Picture1.Line (2.125, 94.9061)-(2.15, 96.476), vbRed
Picture1.Line (2.15, 96.476)-(2.175, 98.0073), vbRed
Picture1.Line (2.175, 98.0073)-(2.2, 99.5), vbRed
Picture1.Line (2.2, 99.5)-(2.225, 100.9538), vbRed
Picture1.Line (2.225, 100.9538)-(2.25, 102.3686), vbRed
Picture1.Line (2.25, 102.3686)-(2.275, 103.7432), vbRed
Picture1.Line (2.275, 103.7432)-(2.3, 105.0778), vbRed
Picture1.Line (2.3, 105.0778)-(2.325, 106.3717), vbRed
Picture1.Line (2.325, 106.3717)-(2.35, 107.6239), vbRed
Picture1.Line (2.35, 107.6239)-(2.375, 108.8336), vbRed
Picture1.Line (2.375, 108.8336)-(2.4, 110), vbRed
Picture1.Line (0, 10)-(0.03, 10), vbBlack
Picture1.Line (0, 20)-(0.03, 20), vbBlack
Picture1.Line (0, 30)-(0.03, 30), vbBlack
Picture1.Line (0, 40)-(0.03, 40), vbBlack
Picture1.Line (0, 50)-(0.03, 50), vbBlack
Picture1.Line (0, 60)-(0.03, 60), vbBlack
Picture1.Line (0, 70)-(0.03, 70), vbBlack
Picture1.Line (0, 80)-(0.03, 80), vbBlack
Picture1.Line (0, 90)-(0.03, 90), vbBlack
Picture1.Line (0, 100)-(0.03, 100), vbBlack
Picture1.Line (0, 110)-(0.03, 110), vbBlack
Picture1.Line (0, 120)-(0.03, 120), vbBlack

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Picture1.Line (0, 130)-(0.03, 130), vbBlack
Picture1.Line (0, 140)-(0.03, 140), vbBlack
Picture1.Line (0, 150)-(0.03, 150), vbBlack
Picture1.Line (0, 160)-(0.03, 160), vbBlack
Picture1.Line (0, 170)-(0.03, 170), vbBlack
Picture1.Line (0.1, 0)-(0.1, 5), vbBlack
Picture1.Line (0.2, 0)-(0.2, 5), vbBlack
Picture1.Line (0.3, 0)-(0.3, 5), vbBlack
Picture1.Line (0.4, 0)-(0.4, 5), vbBlack
Picture1.Line (0.5, 0)-(0.5, 5), vbBlack
Picture1.Line (0.6, 0)-(0.6, 5), vbBlack
Picture1.Line (0.7, 0)-(0.7, 5), vbBlack
Picture1.Line (0.8, 0)-(0.8, 5), vbBlack
Picture1.Line (0.9, 0)-(0.9, 5), vbBlack
Picture1.Line (1, 0)-(1, 5), vbBlack
Picture1.Line (1.1, 0)-(1.1, 5), vbBlack
Picture1.Line (1.2, 0)-(1.2, 5), vbBlack
Picture1.Line (1.3, 0)-(1.3, 5), vbBlack
Picture1.Line (1.4, 0)-(1.4, 5), vbBlack
Picture1.Line (1.5, 0)-(1.5, 5), vbBlack
Picture1.Line (1.6, 0)-(1.6, 5), vbBlack
Picture1.Line (1.7, 0)-(1.7, 5), vbBlack
Picture1.Line (1.8, 0)-(1.8, 5), vbBlack
Picture1.Line (1.9, 0)-(1.9, 5), vbBlack
Picture1.Line (2, 0)-(2, 5), vbBlack
Picture1.Line (2.1, 0)-(2.1, 5), vbBlack
Picture1.Line (2.2, 0)-(2.2, 5), vbBlack
Picture1.Line (2.3, 0)-(2.3, 5), vbBlack
End Sub

```

### L-7.17 Form About MyApp (frmAbout)

```

Unload Me
Call MenuHidup
End Sub

Private Sub Form_Load()
    Call Tengah(Me)
    Call MenuMati
End Sub

```

### L-7.18 Report Hasil Perhitungan Tebal Lapis Tambahan (rptHasil)

```

Option Explicit

Private Sub DataReport_Terminate()
    rptHasil.Refresh
    DELaporan.rscmbHasil.Close
    Call MenuHidup
    MDIUtama.SetFocus
End Sub

```