

```

#include <DHT.h>

#define DHTPIN 12
#define DHTTYPE DHT22
DHT dht(DHTPIN, DHTTYPE);

int hum;
int temp;

void setup() {

    Serial.begin(9600);
    pinMode(11, OUTPUT);

}
byte x;

void loop() {

hum = dht.readHumidity();           1
temp= dht.readTemperature();
Serial.print(temp);
Serial.println(hum);
delay(1000); //Delay 2 sec.

if(Serial.available()>0) x=Serial.read();

if (x=='0')analogWrite(11, 255);    2
if (x=='1')analogWrite(11, 120);
if (x=='2')analogWrite(11, 80);
if (x=='3')analogWrite(11, 30);
if (x=='4')analogWrite(11, 100);
if (x=='5')analogWrite(11, 50);
if (x=='6')analogWrite(11, 0);

}

```