

```

void setup()
{
  Serial.begin (115200);
  pinMode (2,OUTPUT);          //Trig
  pinMode (3,INPUT);          //Echo
  pinMode (13,OUTPUT);        // LED
}

void loop()
{
  digitalWrite (2,0);          //Trig
  delayMicroseconds (2);
  digitalWrite (2,1);
  delayMicroseconds (5);
  digitalWrite (2,0);

  int T = pulseIn (3,1);      //Echo (ค่าเวลา us)
  float D = T/58.0 ;

  Serial.println (D);
  if(D < 10)
  {
    digitalWrite (13,1);
  }
  else if (D < 25)
  {
    digitalWrite (13,1);
    delay (200);
    digitalWrite (13,0);
    delay (200);
  }
  else if (D < 40)
  {
    digitalWrite (13,1);
    delay (400);
    digitalWrite (13,0);
    delay (400);
  }
  else
    digitalWrite (13,0);

  delay (100);
}

```