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

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

    int T = pulseIn(3,1);         //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);

}
```