

```

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

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(400);
    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);
}

```