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

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