```
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(2,0);   //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(200);

   digitalWrite(13,0);

    delay(400);

  }

  else

   digitalWrite(13,0);


   delay(100);

}
```