

```
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);  
  
}
```