

```

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);  
  
}
```