

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

```
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(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);
}
```