



```
1 void setup()
2 {
3   pinMode(2, INPUT);
4   pinMode(12, OUTPUT);
5 }
6
7 void loop()
8 {
9   if(digitalRead(2) == HIGH)
10  {
11    digitalWrite(12, HIGH);
12  }
13  else
14  {
15    digitalWrite(12, LOW);
16  }
17
18
19
20  delay(2000); //wait for 2000 milliseconds
21 }
22
```