

```
const int buttonPin = 2;
const int ledPin = 13;

int buttonState = 0;

void setup() {
    // put your setup code here, to run once:
    pinMode(ledPin,OUTPUT);
    pinMode(buttonPin,INPUT);
    digitalWrite(buttonPin,HIGH);
}

void loop() {
    // put your main code here, to run repeatedly:
    buttonState = digitalRead(buttonPin);
    if (buttonState == HIGH){
        digitalWrite(ledPin,HIGH);
    }
    else{
        digitalWrite(ledPin,LOW);
    }
}
```