

```
const int buttonPin=2;  
int ledPin=13;  
int buttonState=0;
```

```
void setup() {  
  pinMode(buttonPin, INPUT);  
  pinMode(ledPin, OUTPUT);  
  
}
```

```
void loop() {  
  buttonState=digitalRead(buttonPin);  
  if(buttonState==HIGH){  
    digitalWrite(ledPin,HIGH);  
  }  
  else {  
    digitalWrite(ledPin,LOW);  
  }  
}
```