

```
const int ledPin = 5;    // Connect LED to GPIO 5

const int buttonPin = 15; // Connect button to GPIO 15


void setup() {
    pinMode(ledPin, OUTPUT);

    pinMode(buttonPin, INPUT_PULLUP); // Enables internal pull-up
}


void loop() {
    int buttonState = digitalRead(buttonPin);

    if (buttonState == LOW) {
        digitalWrite(ledPin, HIGH); // LED ON
    } else {
        digitalWrite(ledPin, LOW); // LED OFF
    }
}
```

