

```
int motorPin = 3;
int buttonPin = 4; // the number of the pushbutton pin
int buttonState = 0; // variable for reading the pushbutton status

void setup() {
  // initialize the pushbutton pin as an input:
  pinMode(buttonPin, INPUT);
  pinMode(motorPin, OUTPUT);

  Serial.begin(9600);
}

void loop() {
  buttonState = digitalRead(buttonPin);
  Serial.println(buttonState);
  if (buttonState == HIGH) {
    // turn LED on:
    digitalWrite(motorPin, HIGH);
  } else {
    // turn LED off:
    digitalWrite(motorPin, LOW);
  }
}
```