```
const int pinoSensor = 3;

const int pinoLampada = 13;


void setup() {

  Serial.begin(9600);

  pinMode(pinoSensor, INPUT);

  pinMode(pinoLampada, OUTPUT);

}
void loop() {

  if (digitalRead(pinoSensor) == HIGH) {

    Serial.println("Lampada Ligada");
    digitalWrite(pinoLampada, HIGH);

  }
  else {

    Serial.println("Lampada Desligada");
    digitalWrite(pinoLampada, LOW);
  }
}
```