```
// BIBLIOTECA --- Temperatura
// #include <TMP36.h>
//TMP36 myTMP36(A0, 5.0);
// https://github.com/Isaac100/TMP36/tree/master/src
void setup() {
        Serial.begin(9600);
        pinMode(A0, INPUT);
}
 void loop() {
        float volt = analogRead(A0);
        float voltage = (volt/1024.0) * 5.0;
        float tempC = (voltage - .5) * 100;
        Serial.print("Temperatura: ");
        Serial.print(tempC);
        Serial.println(" *C");
        delay(1000);
}
---------- PIR detetor de movimentos ----------
int sensorState = 0;
void setup() {
      pinMode(2, INPUT);
      pinMode(13, OUTPUT);
      Serial.begin(9600);
}
void loop() {
        sensorState = digitalRead(2);
        // LED on.
        if (sensorState == HIGH) {
                digitalWrite(13, HIGH);
               Serial.println("Sensor activated!");
        } else {
                digitalWrite(13, LOW);
        }
  delay(10);
}
```