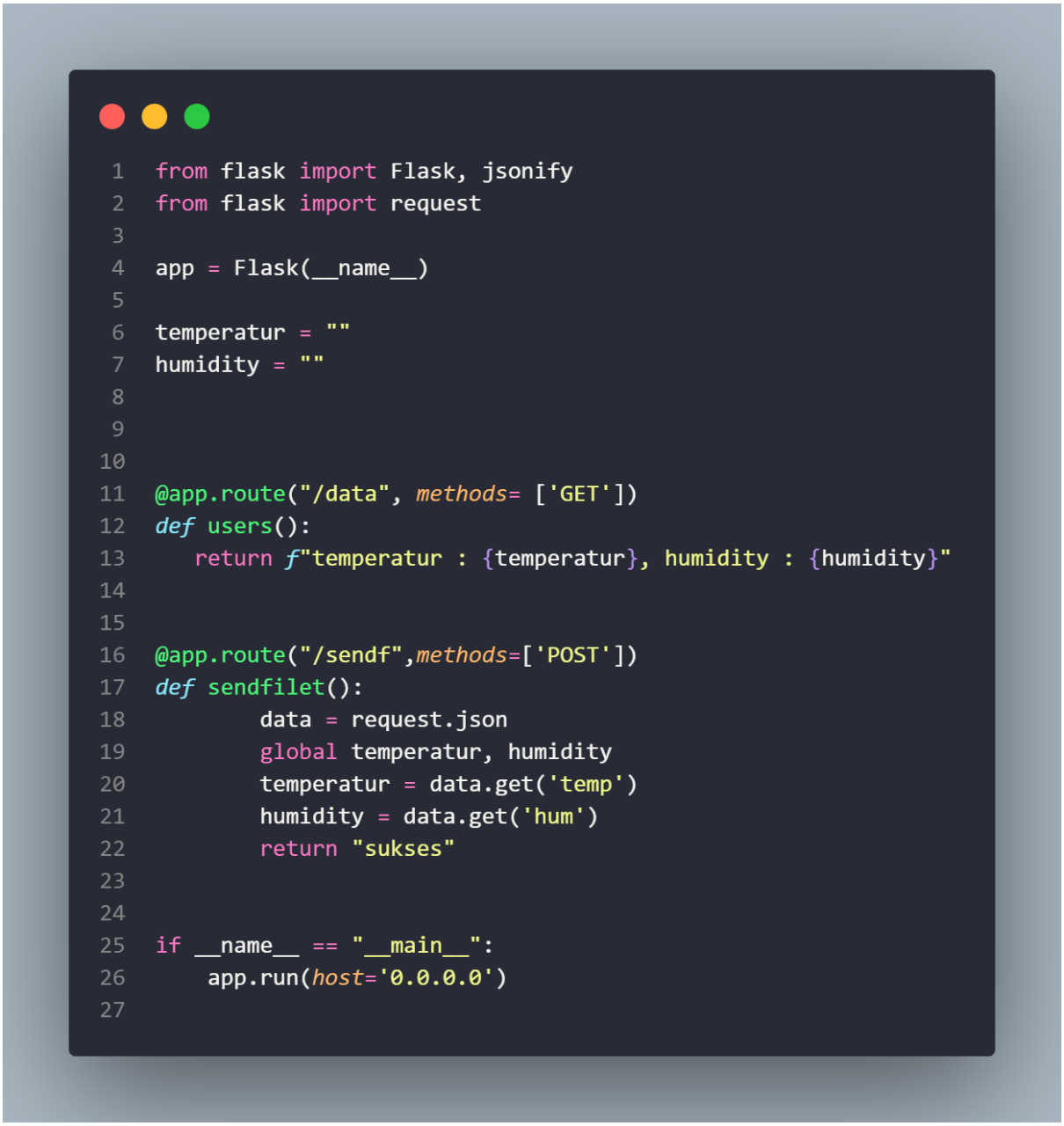
Python

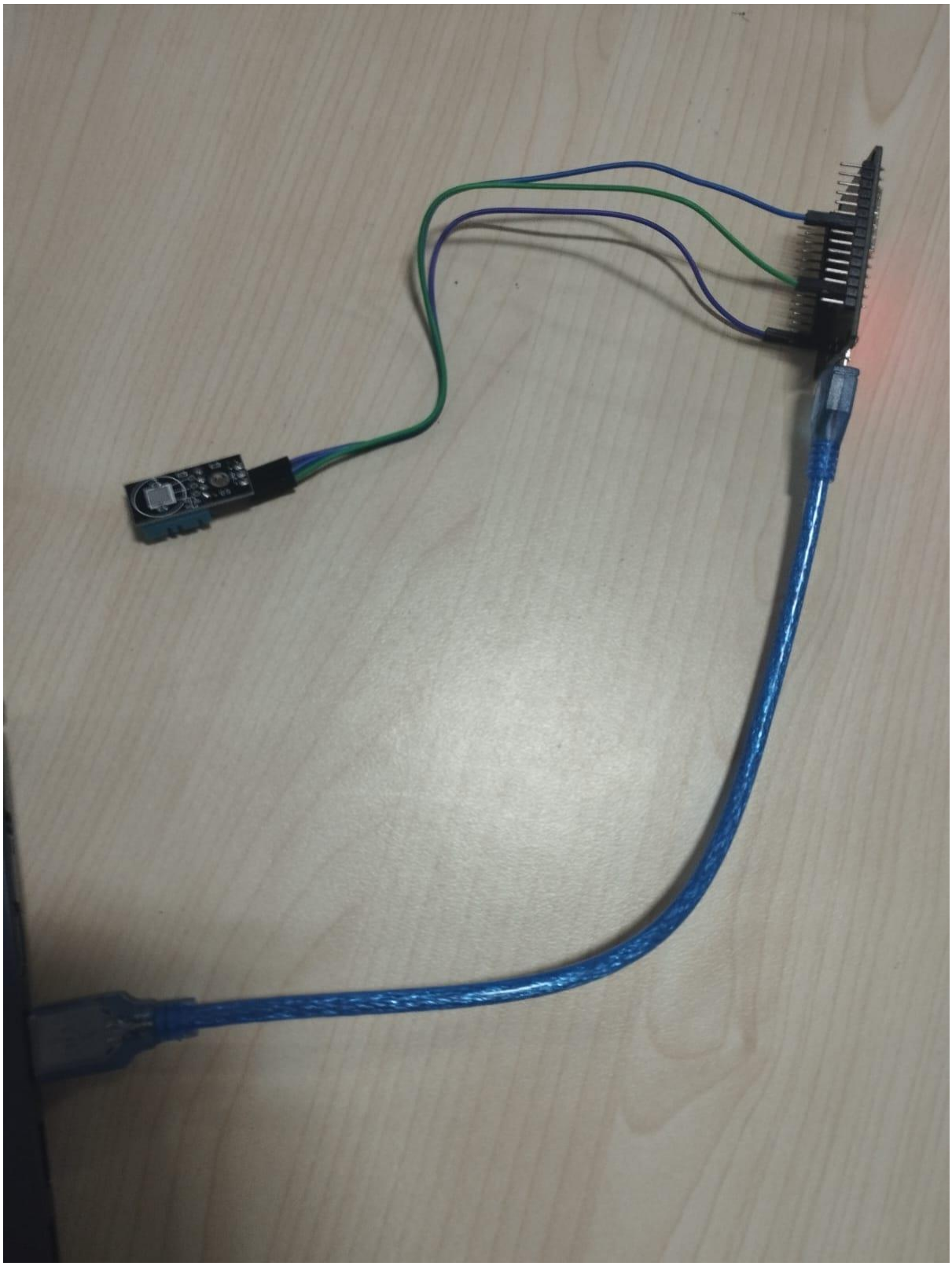


```python
from flask import Flask, jsonify
from flask import request

app = Flask(__name__)

temperatur = ""
humidity = ""



@app.route("/data", methods= ['GET'])
def users():
   return f"temperatur : {temperatur}, humidity : {humidity}"


@app.route("/sendf",methods=['POST'])
def sendfilet():
        data = request.json
        global temperatur, humidity
        temperatur = data.get('temp')
        humidity = data.get('hum')
        return "sukses"


if __name__ == "__main__":
    app.run(host='0.0.0.0')

```

Arduino

```ino
#include <WiFi.h>
#include <HTTPClient.h>
#include <ArduinoJson.h>
#include "DHT.h"

#define DHT11PIN 33

const char* ssid = "Rizka";
const char* password = "pojok123";
DHT dht(DHT11PIN, DHT11);
WiFiClient client;
HTTPClient http;
const char* serverName = "http://192.168.4.17:5000/sendf";

void setup_wifi() {
  delay(10);
  Serial.println();
  Serial.print("Connecting to ");
  Serial.println(ssid);

  WiFi.mode(WIFI_STA);
  WiFi.begin(ssid, password);

  while (WiFi.status() != WL_CONNECTED) {
    delay(500);
    Serial.print(".");
  }
  Serial.println("");
  Serial.println("WiFi connected");
  Serial.println("IP address: ");
  Serial.println(WiFi.localIP());
}

void setup() {
  Serial.begin(115200);
  setup_wifi();
  dht.begin();
}

void loop() {
  http.begin(serverName);
  http.addHeader("Content-Type", "application/json");
  float t = dht.readTemperature();
  float h = dht.readHumidity();
  String post = "{\"temp\":\"" + String(t) + "\", \"hum\":\"" + String(h) + "\"}";
  int httpResponseCode = http.POST(post);
  http.end();
  delay(10000);
}
```

ESP32



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