```
#include <ArduinoJson.h>
#include <ESP8266WiFi.h>
#include<ESP8266HTTPClient.h>
#include <WiFiClient.h>
#include <OneWire.h>
#include<DallasTemperature.h>
const char* ssid     = "iot";
const char* password = "12345678";
const char* serverName = "http://iotcloud22.in/4073_spinal/post_value.php";
WiFiClient client;
HTTPClient http;
int red = D1;
int green = D2;
void setup() {
 Serial.begin(9600);
   WiFi.begin(ssid, password);
 Serial.println("Connecting");
  while (WiFi.status() != WL_CONNECTED) {
    delay(500);
    Serial.print(".");
  }
 Serial.println("");
  Serial.print("Connected to WiFi network with IP Address: ");
 Serial.println(WiFi.localIP());
 pinMode(red, OUTPUT);
 pinMode(green, OUTPUT);
}
void loop() {
 getdata();
}
void getdata() {
  if (WiFi.status() == WL_CONNECTED) {
    //HTTPClient http;  //Object of class HTTPClient
   http.begin(client, "http://iotcloud22.in/4073_spinal/light.json");
    int httpCode = http.GET();
    //Check the returning code
    if (httpCode > 0) {
      // Parsing
    }
  }
 StaticJsonDocument<256> doc;

 DeserializationError error = deserializeJson(doc, http.getString());
 Serial.println(http.getString());
  if (error) {
   Serial.print(F("deserializeJson() failed: "));
```

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  Serial.println(error.f_str());
   return;
 }
 //StaticJsonDocument<256> doc;
 //      deserializeJson(doc, json);
 //     auto error = deserializeJson(doc, json);
 if (error) {
  Serial.print(F("deserializeJson() failed with code "));
  Serial.println(error.c_str());
   return;
 }


 String robot = doc["robot"];  // "on"

 if (robot == "red") {

  Serial.println("red");
  digitalWrite(red, HIGH);
  digitalWrite(green, LOW);
   delay(500);
 } else if (robot == "green") {
  Serial.println("green");
  digitalWrite(red, LOW);
  digitalWrite(green, HIGH);
   delay(500);

 }
 http.end();  //Close connection
 //Serial.println(flag);
 delay(100);
}
```