

The Code

```
#include <WiFi.h>
#include <HTTPClient.h>

const char* ssid = "Ashraf TV ";
const char* password = "asm@05666600099";

const char* serverName = "https://unpardoning-
baselin9.000webhostapp.com/post-data.php";

String apiKeyValue = "4TOc7~@b";

String sensorName = "Touch";
String sensorLocation = "HomeOffice";

void setup() {
  Serial.begin(115200);

  WiFi.begin(ssid, password);
  Serial.println("Connecting to the Wifi Network");
  while(WiFi.status() != WL_CONNECTED) {
    delay(500);
    Serial.print(".");
  }
  Serial.println("");
  Serial.print("WiFi is Connected at this IP Address : ");
  Serial.println(WiFi.localIP());
}

void loop() {
  //Check WiFi connection status
  if(WiFi.status()== WL_CONNECTED){
    HTTPClient http;

    http.begin(serverName);

    http.addHeader("Content-Type", "application/x-www-form-urlencoded");

    // Prepare your HTTP POST request data
    String httpRequestData = "api_key=" + apiKeyValue + "&sensor=" +
sensorName
                                + "&location=" + sensorLocation + "&value1=" +
touchRead(2)
                                + "&value2=" + touchRead(4) + "&value3=" +
touchRead(15) + "";
    Serial.print("httpRequestData: ");
    Serial.println(httpRequestData);

    int httpResponseCode = http.POST(httpRequestData);
```

```
    if (httpResponseCode>0) {
        Serial.print("HTTP Response code: ");
        Serial.println(httpResponseCode);
    }
    else {
        Serial.print("Error code: ");
        Serial.println(httpResponseCode);
    }

    http.end();
}
else {
    Serial.println("WiFi Disconnected");
}
delay(30000);
}
```