```
1    #include <HTTPClient.h>
2    #include "DHT.h"
3    #define WIFI_STA_NAME "FIFA_LABCOM"
4    #define WIFI_STA_PASS ""
5
6    DHT dht(22, DHT11);
7    HTTPClient http;
8    WiFiClient client;
9    String url = "https://asrs-ubru.tech/iot/iot_test.php";
10
11   //const char* host = "asrs-ubru.tech";
12   //const int httpsPort = 443;
13
14   void setup() {
15     Serial.begin(115200);
16     dht.begin();
17     pinMode(2, OUTPUT);
18
19     Serial.println();
20     Serial.println();
21     Serial.print("Connecting to ");
22     Serial.println(WIFI_STA_NAME);
23
24     WiFi.mode(WIFI_STA);
25     WiFi.begin(WIFI_STA_NAME, WIFI_STA_PASS);
26
27     while (WiFi.status() != WL_CONNECTED) {
28       delay(500);
29       Serial.print(".");
30       digitalWrite(2, !digitalRead(2));
31     }
32
33     digitalWrite(2, HIGH);
34     Serial.println("");
35     Serial.println("WiFi connected");
36     Serial.println("IP address: ");
37     Serial.println(WiFi.localIP());
38   }
39   int count;
40   void loop()
41   {
42     float t = dht.readTemperature();
43     Serial.println(t);
44     http.begin("https://asrs-ubru.tech/mcu/wp-content/uploads/asgarosforum/562/mak.php");
45     http.addHeader("Content-Type", "application/x-www-form-urlencoded");
46     int httpCode = http.POST("temp="+String(t));
47
48     Serial.println(httpCode);
49
50     String content = http.getString();
51     Serial.println("Content ---------");
52     Serial.println(content);
53     Serial.println("-----------------");
54     //Serial.println(String(httpCode));
55     http.end();
56     delay(1000);
57   }
```