**Get Json data:**

**Flask:**

from flask import Flask

from flask import request

app = Flask(\_\_name\_\_)

@app.route('/postjson', methods = ['POST'])

def postJsonHandler():

content = request.get\_json()

print (content)

return 'JSON posted'

**node:**

#include <ESP8266HTTPClient.h>

#include <ESP8266WiFi.h>

#include <ArduinoJson.h>

void setup() {

Serial.begin(115200); //Serial connection

WiFi.begin("YourNetworkName", "YourPassword"); //WiFi connection

while (WiFi.status() != WL\_CONNECTED) { //Wait for the WiFI connection completion

delay(500);

Serial.println("Waiting for connection");

} }

void loop() {

if (WiFi.status() == WL\_CONNECTED) { //Check WiFi connection status

StaticJsonBuffer<300> JSONbuffer; //Declaring static JSON buffer

JsonObject& JSONencoder = JSONbuffer.createObject();

JSONencoder["sensorType"] = "Temperature";

JsonArray& values = JSONencoder.createNestedArray("values"); //JSON array

values.add(20); //Add value to array

values.add(21); //Add value to array

values.add(23); //Add value to array

JsonArray& timestamps = JSONencoder.createNestedArray("timestamps"); //JSON array

timestamps.add("10:10"); //Add value to array

timestamps.add("10:20"); //Add value to array

timestamps.add("10:30"); //Add value to array

char JSONmessageBuffer[300];

JSONencoder.prettyPrintTo(JSONmessageBuffer, sizeof(JSONmessageBuffer));

Serial.println(JSONmessageBuffer);

HTTPClient http; //Declare object of class HTTPClient

http.begin("http://anteph.pythonanywhere.com/postjson"); //Specify request destination

http.addHeader("Content-Type", "application/json"); //Specify content-type header

int httpCode = http.POST(JSONmessageBuffer); //Send the request

String payload = http.getString(); //Get the response payload

Serial.println(httpCode); //Print HTTP return code

Serial.println(payload); //Print request response payload

http.end(); //Close connection

} else {

Serial.println("Error in WiFi connection");

}

delay(30000); //Send a request every 30 seconds

}