DHT_MYSQL.ino

```
#include <WiFi.h>
#include <HTTPClient.h>
#include "DHT.h"
#define DHTPIN 14
#define DHTTYPE DHT11
const char ssid[] = "Velop 1";
const char password[] = "a1234567";
String HOST_NAME = "http://192.168.100.6"; // change to your PC's IP address
String PATH_NAME = "/sensors/insert_temp.php?";
// String queryString = "temperature=30&humidity=55";
byte connectingCounter = 0;
DHT dht(DHTPIN, DHTTYPE);
void setup()
{
  Serial.begin(115200);
  connectToWifi();
  dht.begin();
}
void loop()
{
  delay(60000); // send data every 60 sec
  float humidity = dht.readHumidity();
  float temperature = dht.readTemperature();
  String strTemp = String(temperature, 2);
  String strHumid = String(humidity, 2);
  HTTPClient http;
  String server = HOST_NAME + PATH_NAME + "temperature=" + strTemp + "&humidity=" + strHumid;
```

```
 http.begin(server); // HTTP
 int httpCode = http.GET();
 if (httpCode > 0)
 {
  // file found at server
  if (httpCode == HTTP_CODE_OK)
  {
   String payload = http.getString();
   Serial.println(payload);
  }
  else
  {
   // HTTP header has been send and Server response header has been handled
   Serial.printf("[HTTP] GET... code: %d\n", httpCode);
  }
 }
 else
 {
  Serial.printf("[HTTP] GET... failed, error: %s\n", http.errorToString(httpCode).c_str());
 }

 http.end();

 if (WiFi.status() != WL_CONNECTED)
 {
  connectToWifi();
 }
}
```

```
void connectToWifi()
{
  WiFi.begin(ssid, password);
  Serial.print("Connecting to Wifi");
  while (WiFi.status() != WL_CONNECTED)
  {
    delay(1000);
    Serial.print(".");
    connectingCounter++;
    WiFi.begin(ssid, password);
    if (connectingCounter > 8)
    {
      connectingCounter = 0;
      Serial.println(F("Unable to connect to the Wifi"));
      Serial.println(F("Restarting ESP32"));
      ESP.restart();
    }
  }
  Serial.println("");
  Serial.print("Connected to WiFi network with IP Address: ");
  Serial.println(WiFi.localIP());
}
```