```cpp
#include <ESP8266WiFi.h>
#include <IoTtweet.h>

const char *userid = "000982";
const char *key = "z6neafpznfzu";
const char *ssid = "itfitm";
const char *password = "";

float data0, data1, data2, data3;
String private_tweet = "Hello World";
String public_tweet = "I am Internet of Things";

IoTtweet myiot;   //naming your devices
int led = 5;

void setup() {
    pinMode(led, OUTPUT);
  Serial.begin(115200);

  //Get IoTtweet Library version
  String libvers = myiot.getVersion();
  Serial.println("IoTtweet Library vesion : " +
  String(libvers));

  //Connect WiFi
  Serial.println("\nConnect wifi...");
  bool conn = myiot.begin(ssid,password);

    if(!conn)
    {
      Serial.println("WiFi connection failed.");
    }else
    {
      Serial.println("WiFi connected !");
     }

}

```

```arduino
41
42    void loop() {
43    //----------------------------------------------------
44        int sensorValue = analogRead(A0);
45      Serial.print("Moisture Sensor Value:");
46      Serial.println(analogRead(A0));
47      delay(100);
48
49      if (sensorValue <=500){
50    //Serial.println(sensorValue);
51        digitalWrite(led, HIGH);
52      }
53      else {
54    //Serial.println(sensorValue);
55        digitalWrite(led, LOW);
56      }
57    //delay(1000);
58    //----------------------------------------------------
59      //Example data generating
60      data0 = sensorValue ;
61      data1 = random(30,70);
62      data2 = random(40,60);
63      data3 = random(50,55);
64      //Send data from your iot to Dashboard
65      String response =
      myiot.WriteDashboard(userid,key,data0,data1,data2,data3,privat
      e_tweet,public_tweet);
66      Serial.println(response);   //Show response JSON from
      www.iottweet.com
67      //Waiting storage data on IoTtweet cloud 15 sec.
68      delay(3000);
69    }
70
```