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#define BLYNK_TEMPLATE_ID "TMPL3LGGTBSli"

#define BLYNK_TEMPLATE_NAME "soil"

#define BLYNK_AUTH_TOKEN "yBFacysPPkcB9O_jXfLVceTyQzIYT2NQ"


#define BLYNK_PRINT Serial

#include <ESP8266WiFi.h>

#include <BlynkSimpleEsp8266.h>

#include <DHT.h>


// Your network credentials

char ssid[] = "Anurag"; //your wifi name//

char pass[] = "12345678"; //your wifi password//


// Blynk template details


// DHT sensor settings

#define DHTPIN D6 // Pin where the DHT11 is connected

#define DHTTYPE DHT11 // DHT 11

DHT dht(DHTPIN, DHTTYPE);


// Timer settings

BlynkTimer timer;


void sendSensor() {

  float tC = dht.readTemperature(); // Read temperature in Celsius

  float tF = dht.readTemperature(true); // Read temperature in Fahrenheit
```

```
if (isnan(tC) || isnan(tF)) {  
  Serial.println("Failed to read from DHT sensor!");  
  return;  
}  
  
Blynk.virtualWrite(V0, tC); // Temperature in Celsius to virtual pin V5 (Gauge)  
Blynk.virtualWrite(V1, tF); // Temperature in Fahrenheit to virtual pin V6 (Label)  
}  
  
void setup() {  
  Serial.begin(9600);  
  Blynk.begin(BLYNK_AUTH_TOKEN, ssid, pass);  
  dht.begin();  
  
  // Setup a function to be called every 2 seconds  
  timer.setInterval(2000L, sendSensor);  
}  
  
void loop() {  
  Blynk.run();  
  timer.run();  
}
```