

```
#define BLYNK_TEMPLATE_ID "TMPL7e2uKcs2"
#define BLYNK_DEVICE_NAME "Raindrop Indicator"
#define BLYNK_AUTH_TOKEN "DFZGManDg4dAUJEE9y6kOxfxF6RUm0uV"

#define BLYNK_PRINT Serial
#include <ESP8266WiFi.h>
#include <BlynkSimpleEsp8266.h>
#include <DHT.h>

char auth[] = BLYNK_AUTH_TOKEN;

char ssid[] = "UniSZA-WiFi"; // type your wifi name
char pass[] = "unisza2016"; // type your wifi password

#define DHTPIN 14 // Mention the digital pin where you connected
#define DHTTYPE DHT11 // DHT 11
DHT dht(DHTPIN, DHTTYPE);
BlynkTimer timer;

void raindrop() {
  int rainSensor = analogRead(A0);
  rainSensor = map(rainSensor, 0, 1023, 0, 100);
  Blynk.virtualWrite(V0, rainSensor);

  Serial.print("Rain : ");
  Serial.println(rainSensor);
}
```

```
void sendSensor(){
  float h = dht.readHumidity();
  float t = dht.readTemperature(); // or dht.readTemperature
  if (isnan(h) || isnan(t)) {
    Serial.println("Failed to read from DHT sensor!");
    return;
  }

  Blynk.virtualWrite(V6, h);
  Blynk.virtualWrite(V5, t);
  Serial.print("Temperature : ");
  Serial.print(t);
  Serial.print(" Humidity : ");
  Serial.println(h);

  if(t < 28){
    Blynk.email("natasha.anis00@gmail.com", "Alert", "Temperature below 28C nak hujan dah ni
!");
    Blynk.logEvent("Temperature below 28C nak hujan dah ni !");
  }
}

void setup(){
  Serial.begin(115200);
```

```
Blynk.begin(auth, ssid, pass);  
dht.begin();  
timer.setInterval(2500L, sendSensor);  
timer.setInterval(2500L, raindrop);  
}
```

```
void loop(){  
  Blynk.run();  
  timer.run();  
}
```