

FINAL CODE

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#define BLYNK_TEMPLATE_ID "TMPLnqO-Ntp1"

#define BLYNK_DEVICE_NAME "Gas Leakage"

#define BLYNK_AUTH_TOKEN "byQC3r-BovnbvTFoTk7O1Uk2J6AyfXnW"


#define BLYNK_PRINT Serial

#include <ESP8266WiFi.h>
#include <BlynkSimpleEsp8266.h>


char auth[] = BLYNK_AUTH_TOKEN;


char ssid[] = "gautam"; // type your wifi name
char pass[] = "123456789"; // type your wifi password
int smokeA0 = A0;
int data = 0;
int sensorThres = 100;


BlynkTimer timer;


void sendSensor(){

int data = analogRead(smokeA0);
Blynk.virtualWrite(V0, data);
Serial.print("Pin A0: ");
Serial.println(data);


if(data > 20){
  Blynk.email("gowtham.9894.gh@gmail.com", "Alert", "Gas Leakage Detected!");
```

```
    Blynk.logEvent("gas_alert", "Gas Leakage Detected");  
  }  
}
```

```
void setup(){  
  pinMode(smokeA0, INPUT);  
  Serial.begin(115200);  
  Blynk.begin(auth, ssid, pass);  
  //dht.begin();  
  timer.setInterval(2500L, sendSensor);  
}
```

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