CODE:

```
#define BLYNK_TEMPLATE_ID "TMPL3eyfA8dbJ"
#define BLYNK_TEMPLATE_NAME "Gas Leakage"
#define BLYNK_AUTH_TOKEN "1g4mUfB_2Vp-RiiMJf3SozkyBA17UbXv"
#define BLYNK_PRINT Serial
#include <ESP8266WiFi.h>
#include <BlynkSimpleEsp8266.h>
#define BUZZER_PIN D1
char auth[] = "1g4mUfB_2Vp-RiiMJf3SozkyBA17UbXv";
char ssid[] = "ASHEEKA"; // type your wifi name
char pass[] = "12345678"; // 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 > 500){
  //Blynk.email("test@gmail.com", "Alert", "Gas Leakage Detected!");
  Blynk.logEvent("gas_alert","Gas Leakage Detected");
```

```
digitalWrite(BUZZER_PIN, HIGH);
}
void setup(){
  pinMode(smokeA0, INPUT);
  Serial.begin(115200);
 Blynk.begin(auth, ssid, pass);
  //dht.begin();
  timer.setInterval(2500L, sendSensor);
  pinMode(BUZZER_PIN, OUTPUT);
void loop(){
  Blynk.run();
 timer.run();
                                                                                                                                               Message (Enter to send message to 'NodeMCU 1.0 (ESP-12E Module)' on 'COM4')
                                                                                                                            New Line ▼ 115200 baud
      [9896] Connected to WiFi
[9896] IP: 192.168.240.154
[9896]
      #StandWithUkraine https://bit.ly/swua
     [9907] Connecting to blynk.cloud:80
[10013] Ready (ping: 25mm). Pin A0: 210
Pin A0: 209
Pin A0: 209
Pin A0: 209
Pin A0: 209
Pin A0: 208
Pin A0: 208
Pin A0: 208
Pin A0: 208
```

Figure: Output seen on Serial Monitor