DEVELOPMENT PHASE
SPRINT 2

Date	14 November 2022
Team ID	PNT2022TMID02619
Project Name	Industry-Specific Intelligent Fire Management System
Marks Maximum	8 Marks

SOURCE CODE:

```
// Chage These Credentials with your Blynk Template credentials
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#define BLYNK_TEMPLATE_ID "TMPLqCSC89Q2"
#define BLYNK_DEVICE_NAME "Fire Detection"
#define BLYNK_AUTH_TOKEN "PxJ7MvV-hMXaEwKe39Lip9vLqZRNSCOX"

#define BLYNK_PRINT Serial
#include <BlynkSimpleEsp8266.h>

char auth[] = BLYNK_AUTH_TOKEN;
char ssid[] = "*****"; // Change your Wifi/ Hotspot Name
char pass[] = "******"; // Change your Wifi/ Hotspot Password

BlynkTimer timer;
void setup() //Setup function - only function that is run in deep sleep mode
{
  Serial.begin(9600); //Start the serial output at 9600 baud
  Blynk.begin(auth, ssid, pass);//Splash screen delay
  delay(2000);
  timer.setInterval(500L, mySensor);
}
```

```cpp
void loop() //Loop function
{
  Blynk.run();
  timer.run();
}

void Function()
{
    Blynk.virtualWrite(V2,data);
    Blynk.virtualWrite(V3,data);
  if ()
  {
    Blynk.logEvent("fire_alert");
    Blynk.virtualWrite(V0, 1);

  }

  else
  {
      Blynk.virtualWrite(V0, 0);
  }
}
```