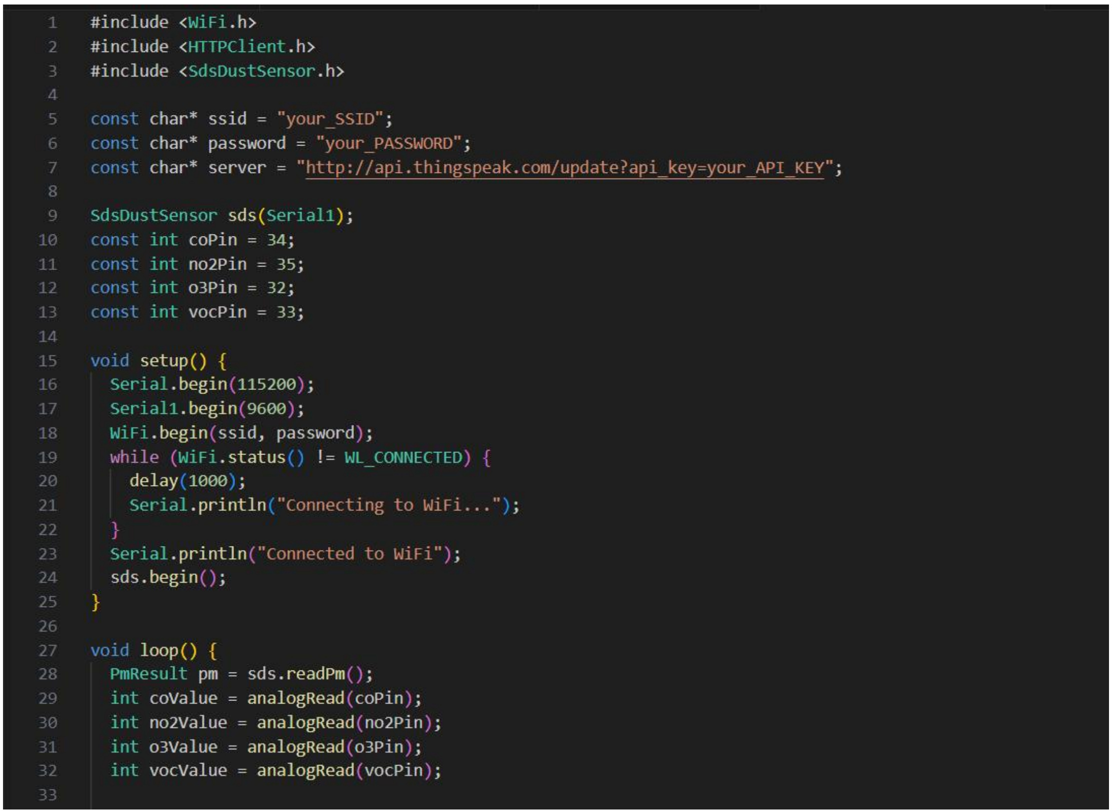
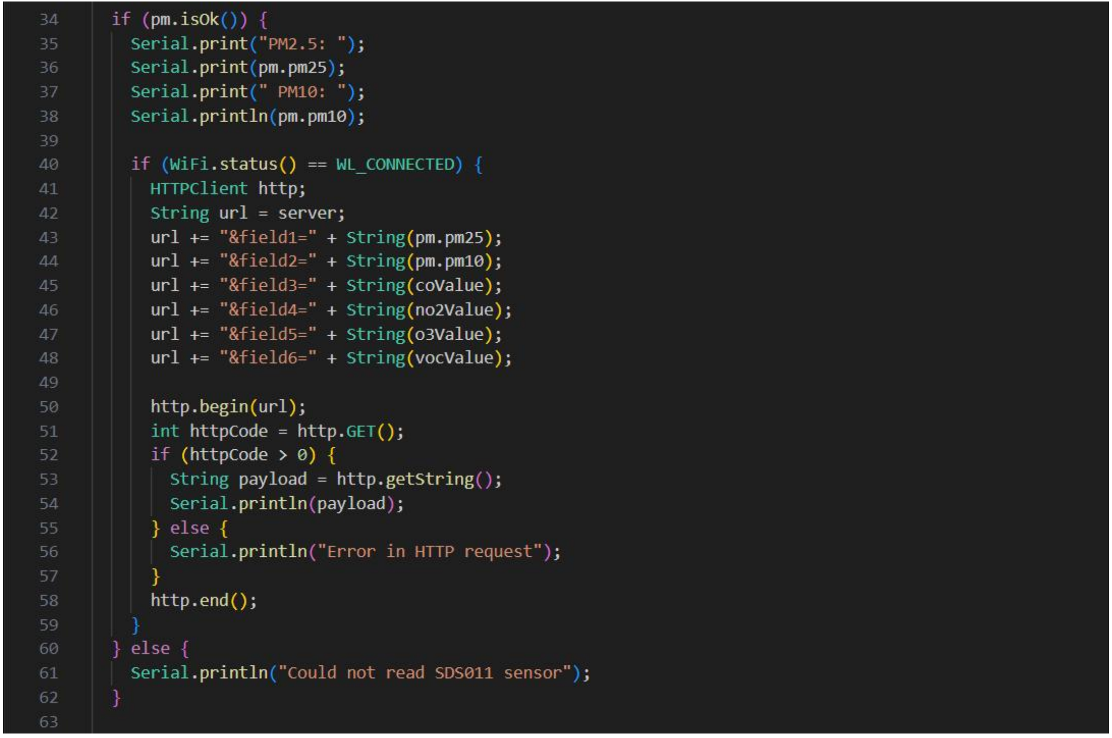
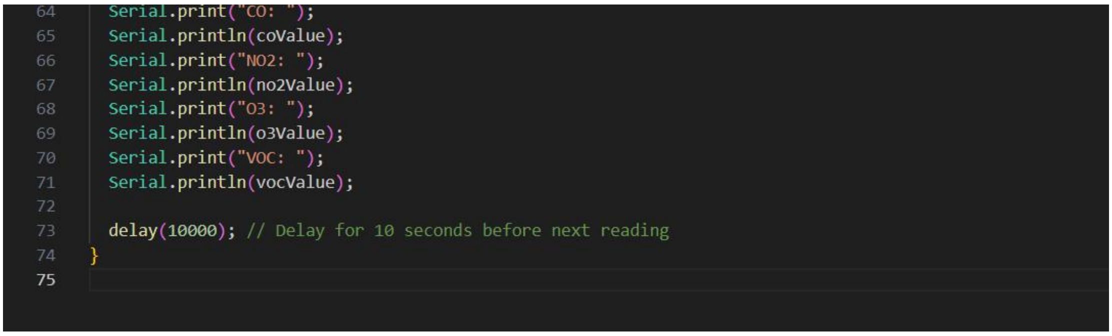


```
#include <WiFi.h>
#include <HTTPClient.h>
#include <SdsDustSensor.h>

const char* ssid = "your_SSID";
const char* password = "your_PASSWORD";
const char* server = "http://api.thingspeak.com/update?api_key=your_API_KEY";

SdsDustSensor sds(Serial1);
const int coPin = 34;
const int no2Pin = 35;
const int o3Pin = 32;
const int vocPin = 33;

void setup() {
  Serial.begin(115200);
  Serial1.begin(9600);
  WiFi.begin(ssid, password);
  while (WiFi.status() != WL_CONNECTED) {
    delay(1000);
    Serial.println("Connecting to WiFi...");
  }
  Serial.println("Connected to WiFi");
  sds.begin();
}

void loop() {
  PmResult pm = sds.readPm();
  int coValue = analogRead(coPin);
  int no2Value = analogRead(no2Pin);
  int o3Value = analogRead(o3Pin);
  int vocValue = analogRead(vocPin);

```



```
  if (pm.isOk()) {
    Serial.print("PM2.5: ");
    Serial.print(pm.pm25);
    Serial.print(" PM10: ");
    Serial.println(pm.pm10);

    if (WiFi.status() == WL_CONNECTED) {
      HTTPClient http;
      String url = server;
      url += "&field1=" + String(pm.pm25);
      url += "&field2=" + String(pm.pm10);
      url += "&field3=" + String(coValue);
      url += "&field4=" + String(no2Value);
      url += "&field5=" + String(o3Value);
      url += "&field6=" + String(vocValue);

      http.begin(url);
      int httpCode = http.GET();
      if (httpCode > 0) {
        String payload = http.getString();
        Serial.println(payload);
      } else {
        Serial.println("Error in HTTP request");
      }
      http.end();
    }
  } else {
    Serial.println("Could not read SDS011 sensor");
  }

```



```
  Serial.print("CO: ");
  Serial.println(coValue);
  Serial.print("NO2: ");
  Serial.println(no2Value);
  Serial.print("O3: ");
  Serial.println(o3Value);
  Serial.print("VOC: ");
  Serial.println(vocValue);

  delay(10000); // Delay for 10 seconds before next reading
}

```