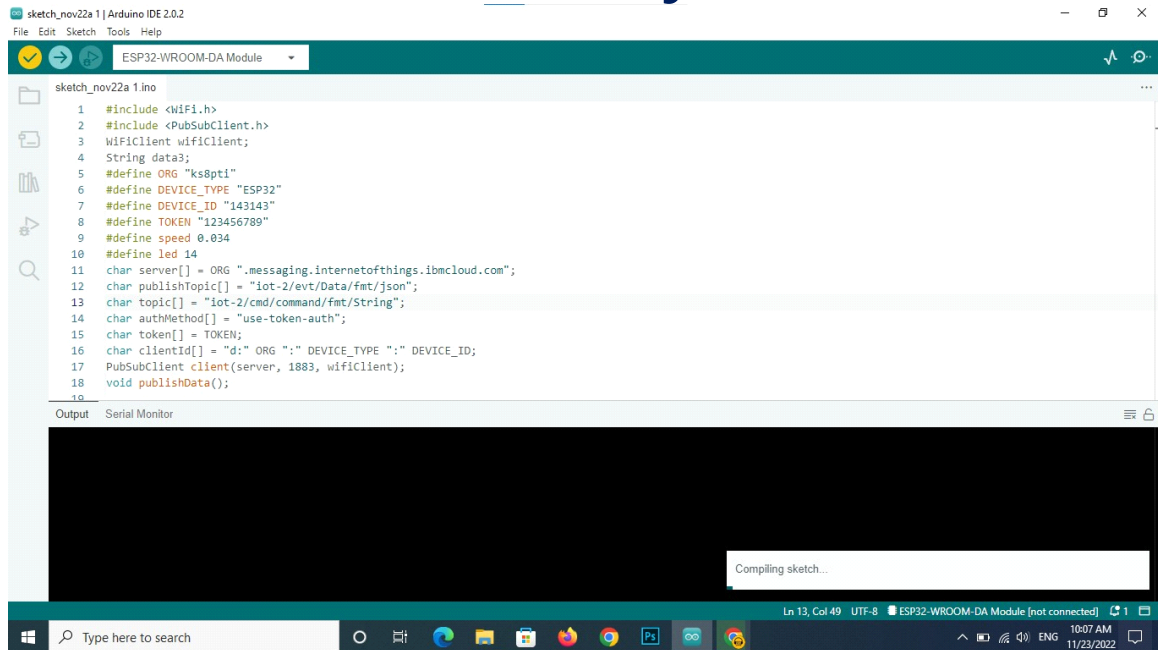


Coding and Solution

Team ID	PNT2022TMID11410
Project Name	Real-time river water quality monitoring and control system

Debugging and Traceability

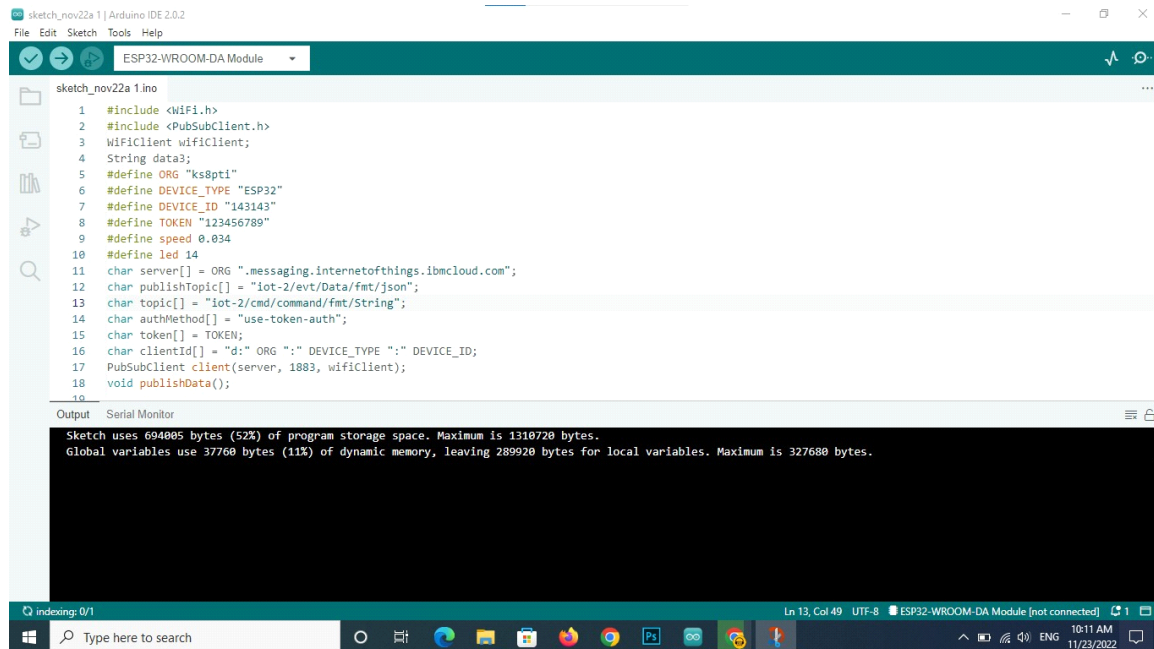


```
sketch_nov22a 1.ino
1  #include <WiFi.h>
2  #include <PubSubClient.h>
3  WiFiClient wifiClient;
4  String data3;
5  #define ORG "ks8ptl"
6  #define DEVICE_TYPE "ESP32"
7  #define DEVICE_ID "143143"
8  #define TOKEN "123456789"
9  #define speed 0.034
10 #define led 14
11 char server[] = ORG ".messaging.internetofthings.ibmcloud.com";
12 char publishTopic[] = "iot-2/evt/Data/fmt/json";
13 char topic[] = "iot-2/cmd/command/fmt/String";
14 char authMethod[] = "use-token-auth";
15 char token[] = TOKEN;
16 char clientId[] = "d:" ORG ":" DEVICE_TYPE ":" DEVICE_ID;
17 PubSubClient client(server, 1883, wifiClient);
18 void publishData();
```

Output Serial Monitor

Compiling sketch...

Ln 13, Col 49 UTF-8 ESP32-WROOM-DA Module [not connected] 10:07 AM 11/23/2022



We are debug everything through the Arduino IDE