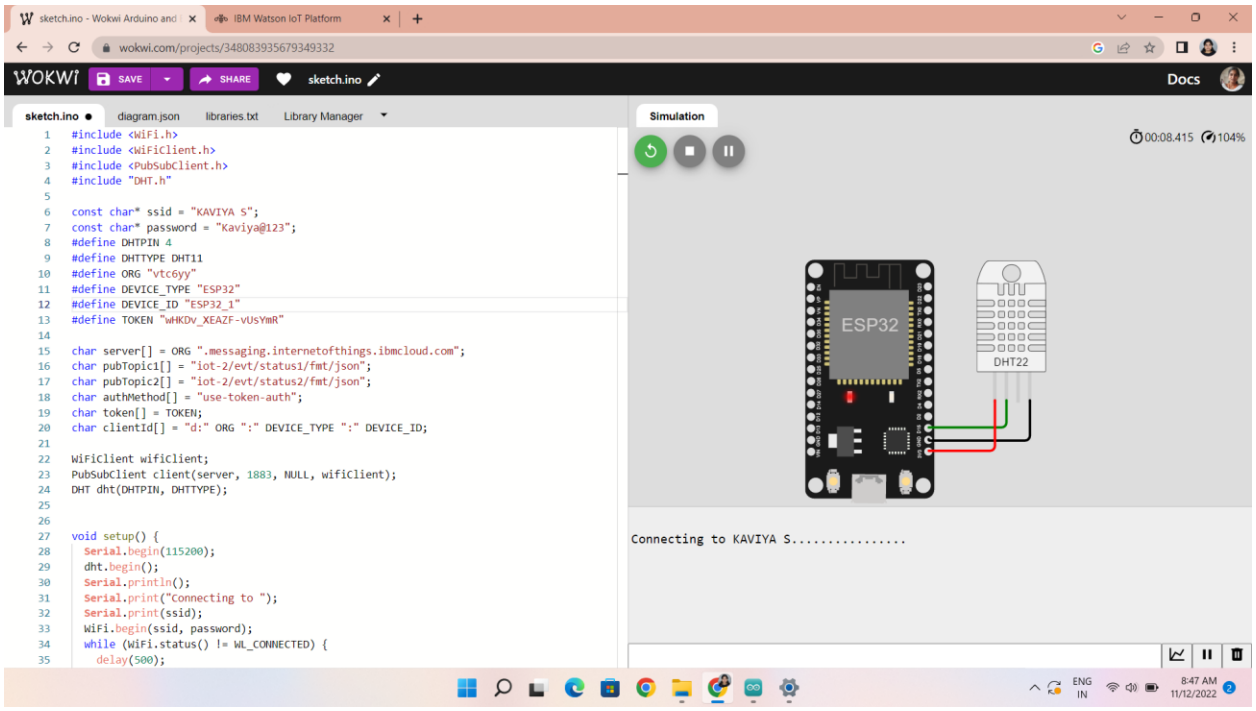
Wokwi Code


sketch.ino - Wokwi Arduino and
IBM Watson IoT Platform
wokwi.com/projects/348083935679349332
WOKWI
SAVE
SHARE
sketch.ino
Docs
sketch.ino
diagram.json
libraries.txt
Library Manager
#include <WiFi.h>
#include <WiFiClient.h>
#include <PubSubClient.h>
#include "DHT.h"
const char* ssid = "KAVIYA S";
const char* password = "Kaviya@123";
#define DHTPIN 4
#define DHTTYPE DHT11
#define ORG "vtc6yy"
#define DEVICE_TYPE "ESP32"
#define DEVICE_ID "ESP32_1"
#define TOKEN "WHKDv_XEAZF-vUsYmR"
char server[] = ORG ".messaging.internetofthings.ibmcloud.com";
char pubTopic1[] = "iot-2/evt/status1/fmt/json";
char pubTopic2[] = "iot-2/evt/status2/fmt/json";
char authMethod[] = "use-token-auth";
char token[] = TOKEN;
char clientId[] = "d:" ORG ":" DEVICE_TYPE ":" DEVICE_ID;
WiFiClient wifiClient;
PubSubClient client(server, 1883, NULL, wifiClient);
DHT dht(DHTPIN, DHTTYPE);
void setup() {
Serial.begin(115200);
dht.begin();
Serial.println();
Serial.print("Connecting to ");
Serial.print(ssid);
WiFi.begin(ssid, password);
while (WiFi.status() != WL_CONNECTED) {
delay(500);
Simulation
00:08.415
104%
ESP32
DHT22
Connecting to KAVIYA S.....
ENG
IN
8:47 AM
11/12/2022