**PYTHON CODE TO PUBLISH DATA TO IBM CLOUD****Python Code:**

#IBM Watson IOT Platform #pip install wiotp-sdk import wiotp.sdk.device import time import random myConfig = {

"identity": {

"orgId": "0tus0f",

"typeId": "ESP32",

"deviceId":"01"

},

"auth": {

"token": "Gowth@m@nk18"

}

}

def myCommandCallback(cmd):

print("Message received from IBM IoT Platform: %s" % cmd.data['command'])

m=cmd.data['command']

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None) client.connect() while True:

temp=random.randint(-20,125)

hum=random.randint(0,100)

myData={'temperature':temp, 'humidity':hum}

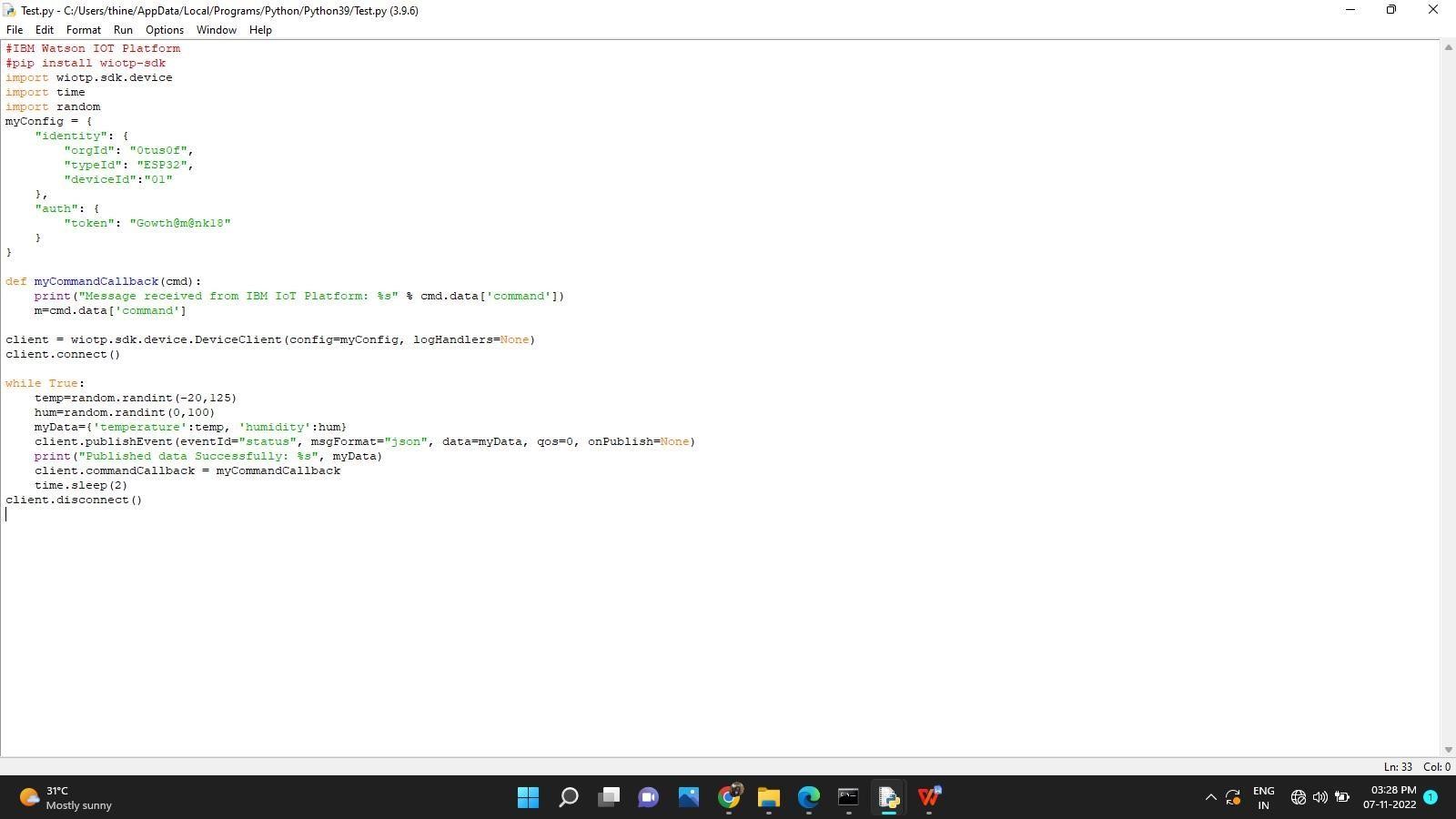
client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)

print("Published data Successfully: %s", myData)

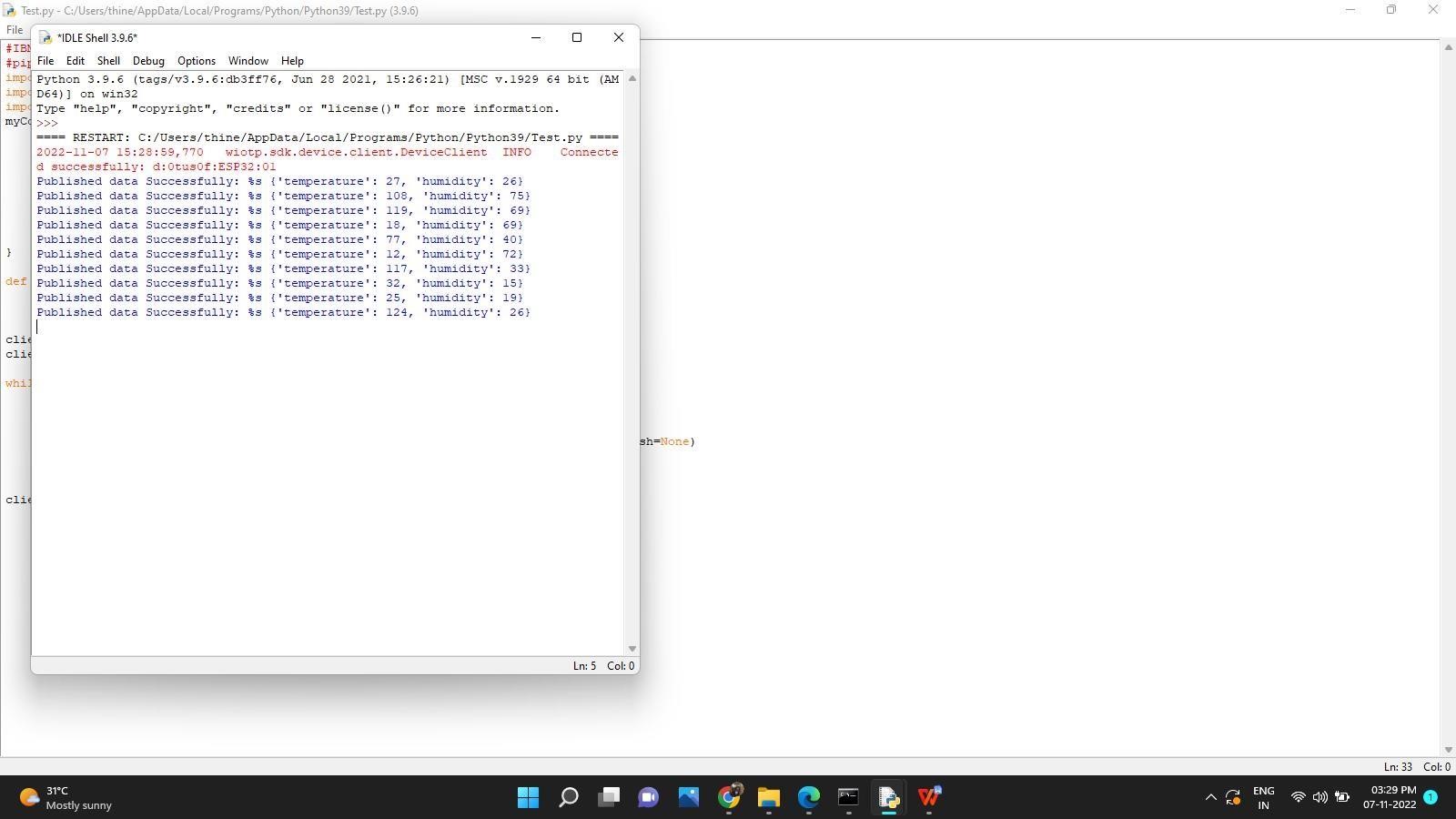
client.commandCallback = myCommandCallback time.sleep(2)

client.disconnect()

**PYTHON CODE:**



**PYTHON OUTPUT:**



**Watson Cloud IBM:**

