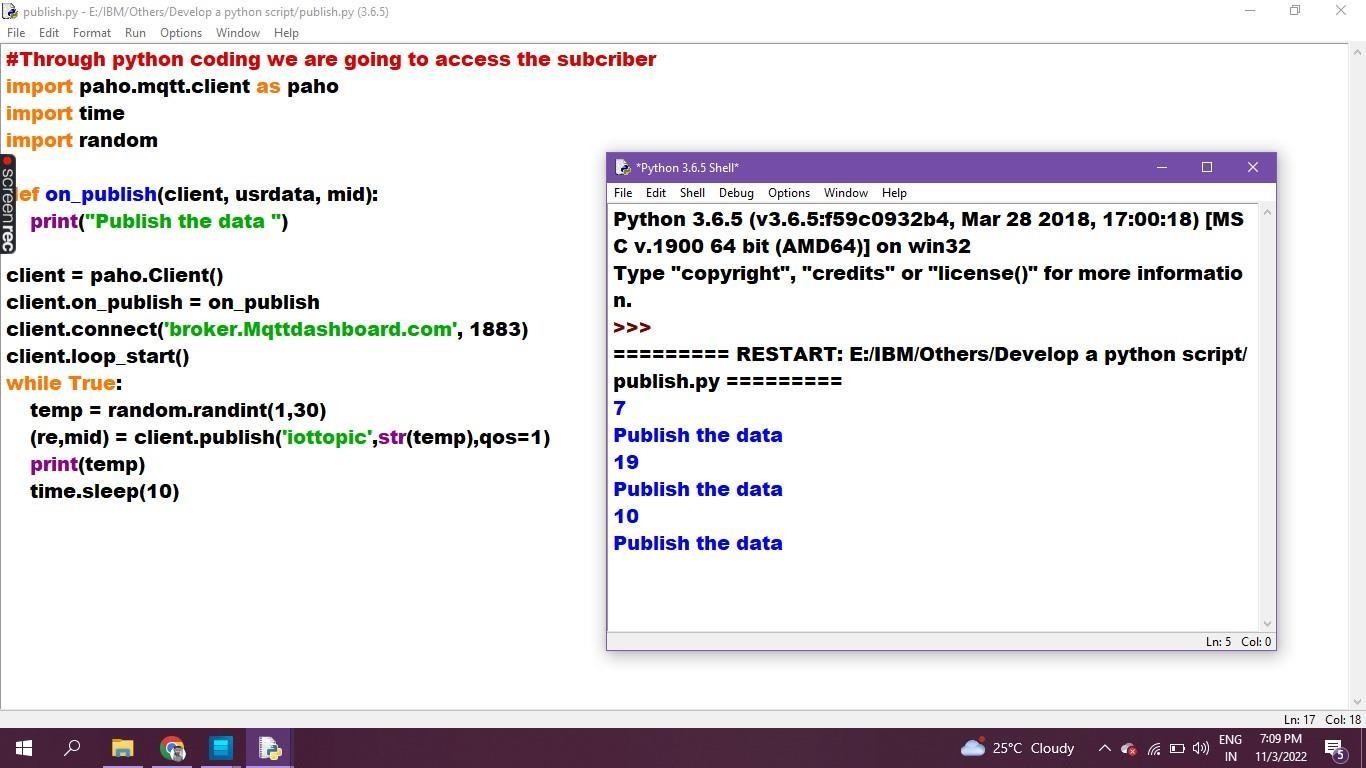
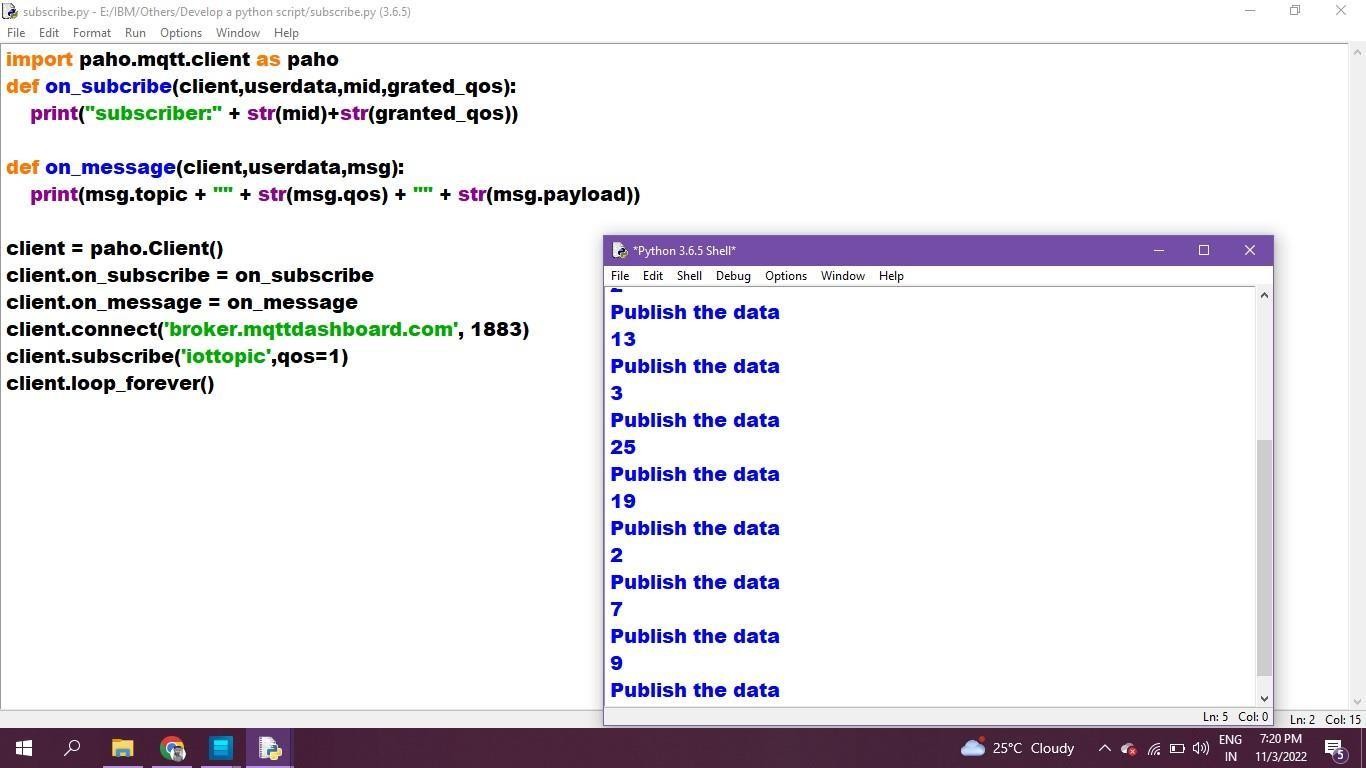
# Develop a python script

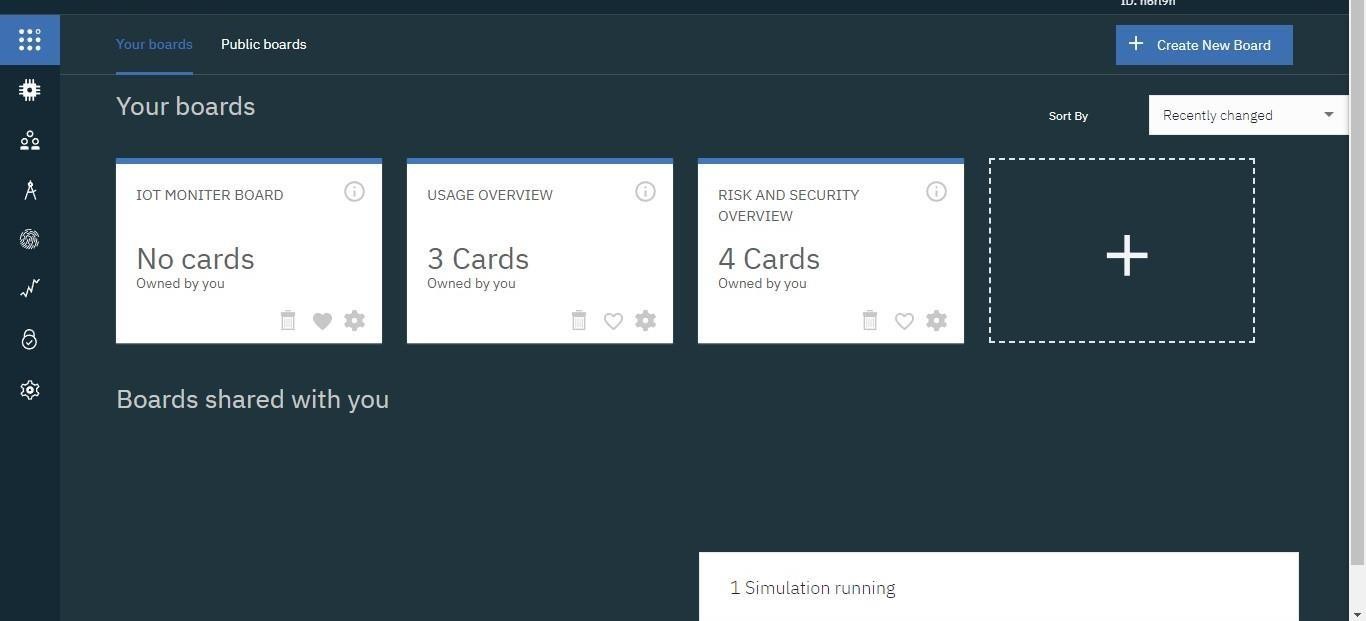
**Publish Data to the IBM Cloud**

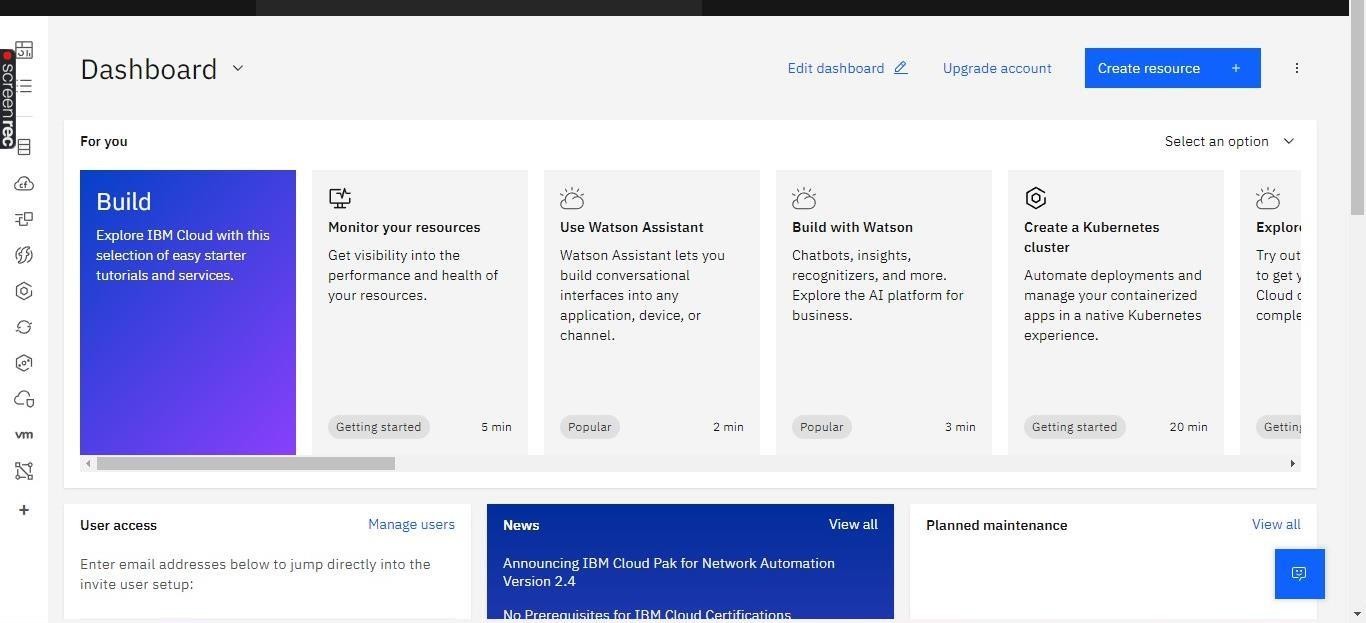
|  |  |
| --- | --- |
| Date | 15 November 2022 |
| Team ID | PNT2022TMID29155 |
| Project Name | Project - Signs with smart connectivity for better road safety |
| Maximum Marks | 4 Marks |

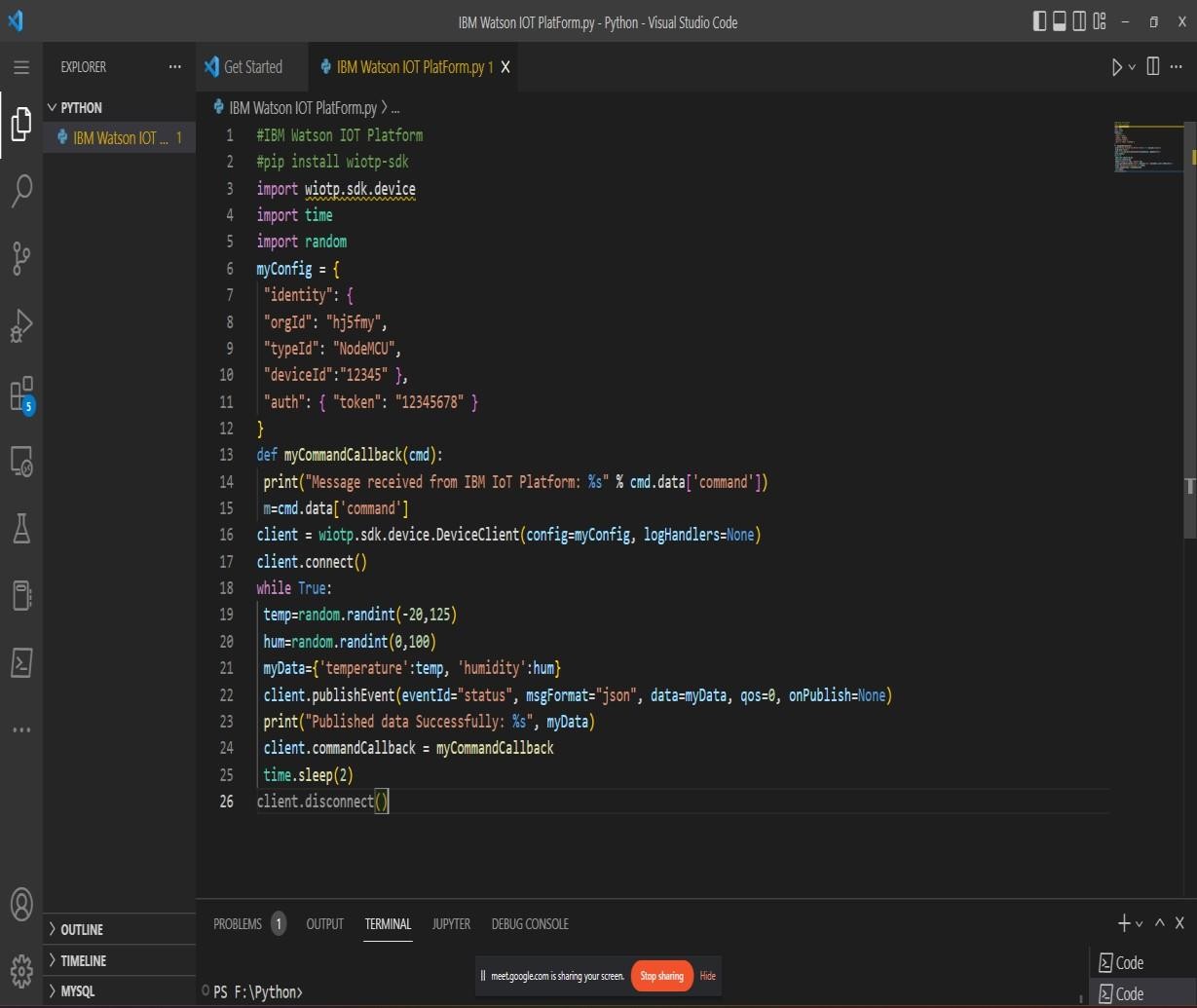
# Signs with smart connectivity for better road safety











**CODE:**

#IBM Watson IOT Platform #pip install wiotp-sdk import wiotp.sdk.device import time

import random myConfig = { "identity":{ "orgId": "hj5fmy",

"typeId": "NodeMCU",

"deviceId":"12345" },

"auth": {"token": "12345678" } 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=nyData, qos=0, onPublish=None) print("Published data Successfully: %s", myData)

client.commandCallback = myCommandCallback time.sleep(2)

client.disconnect