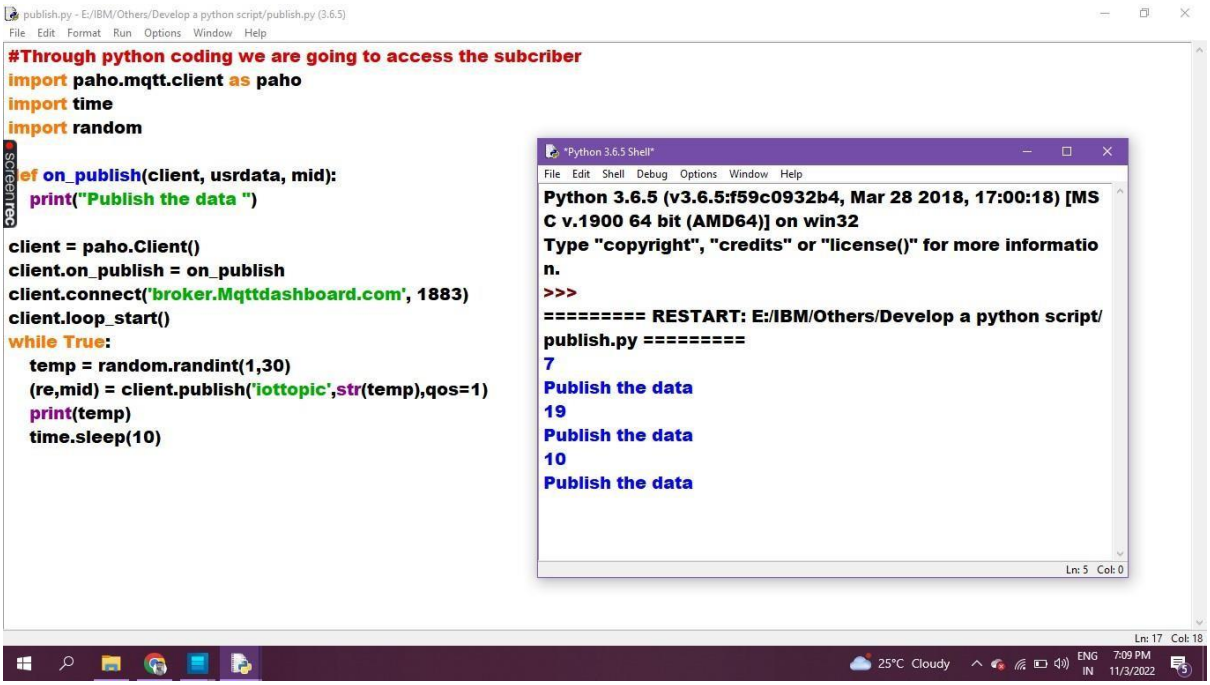
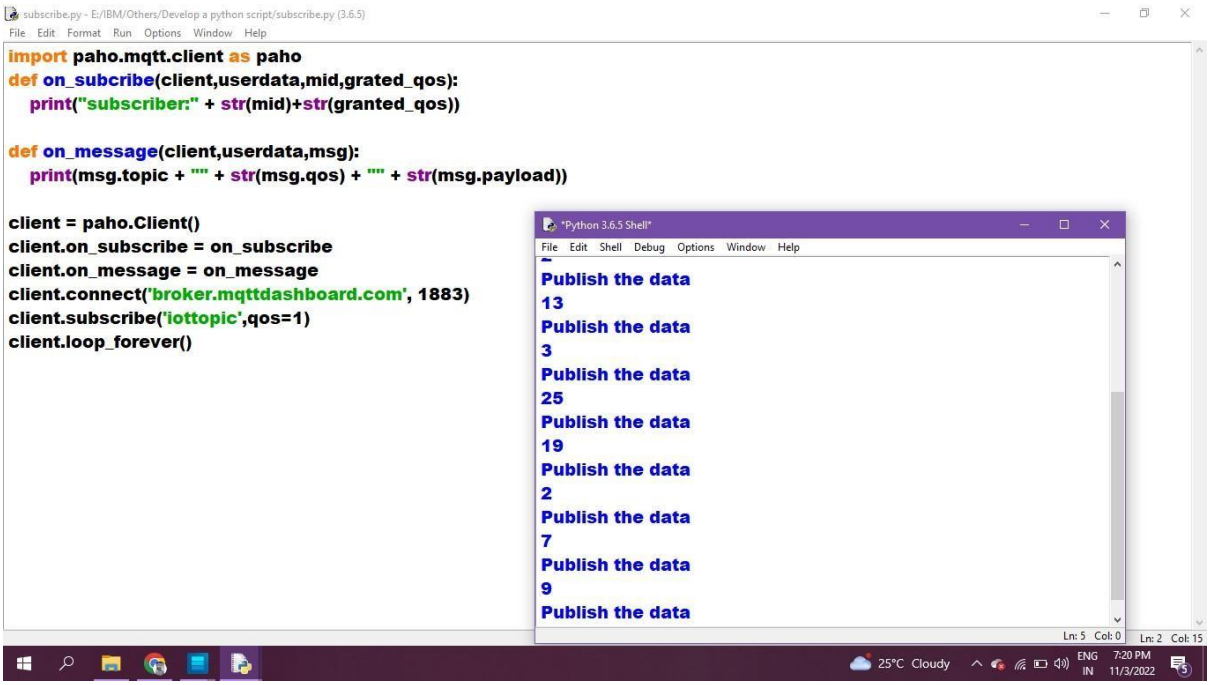
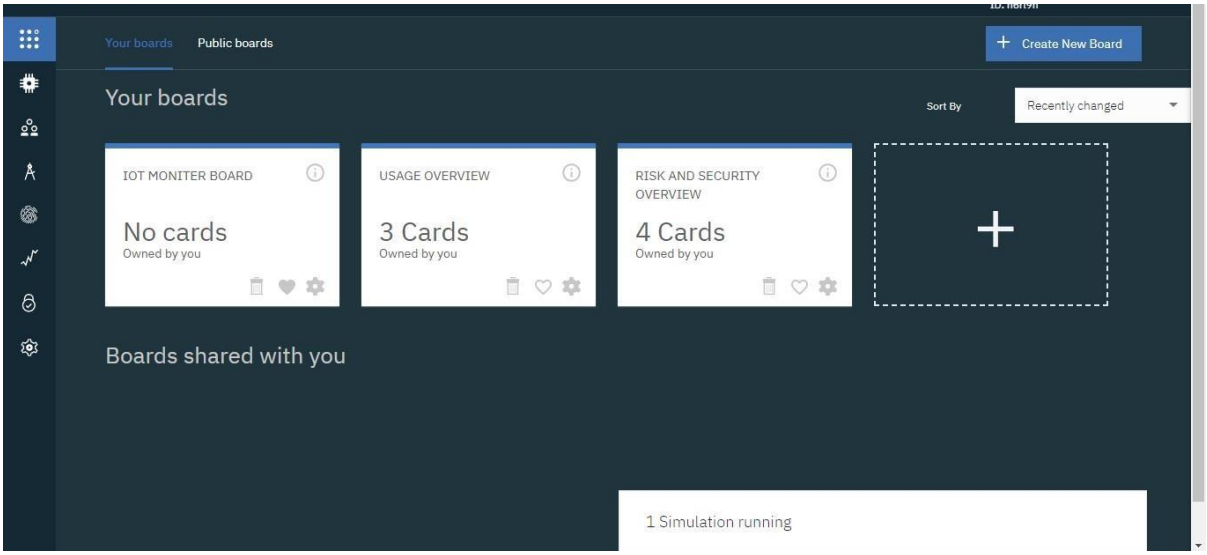
Develop a python script
Publish Data to the IBM Cloud

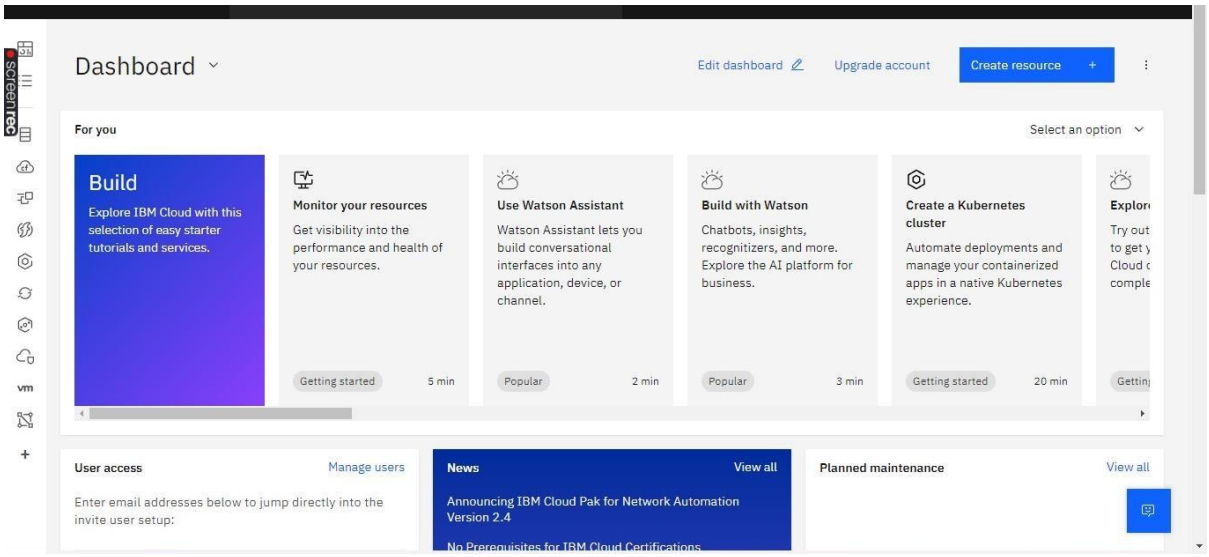
Date	13 November 2022
Team ID	PNT2022TMID07843
Project Name	Project - Signs with smart connectivity for Better road safety
Maximum Marks	4 Marks

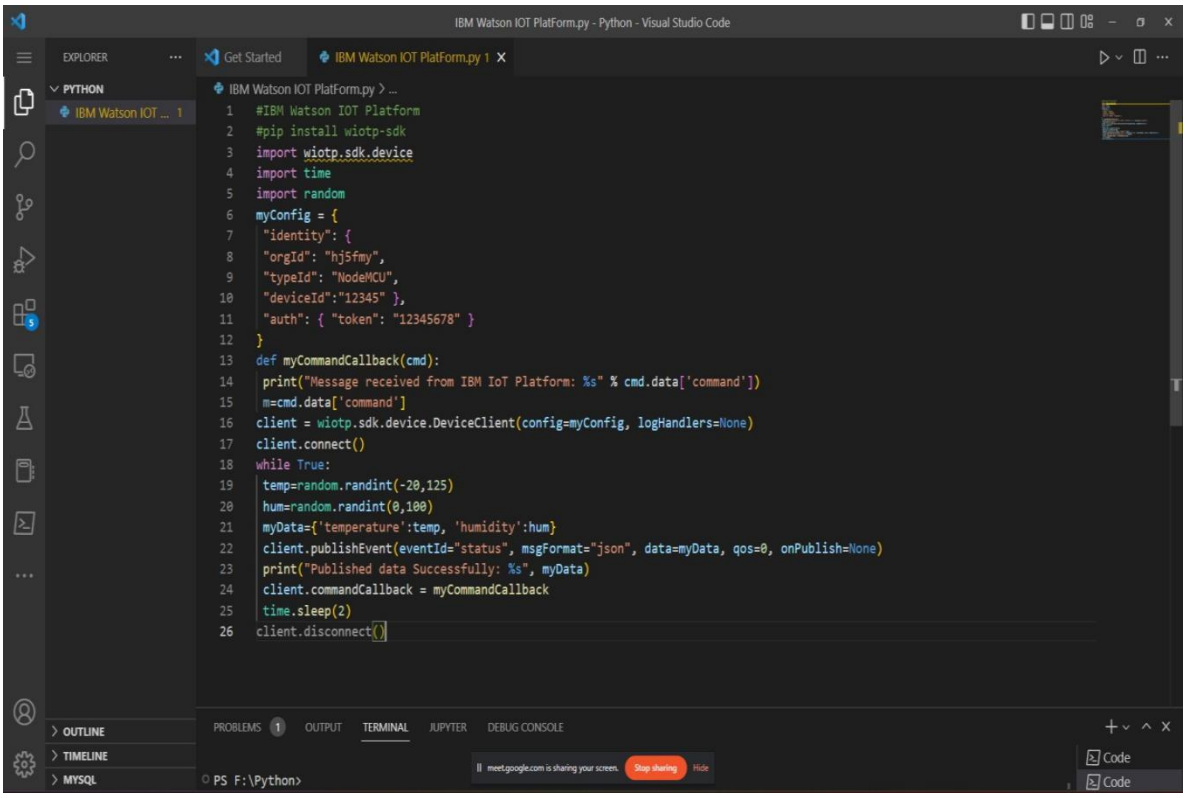
Signs with smart connectivity for Better road safety






Your boards
Public boards
Create New Board
Your boards
Sort By
Recently changed
IOT MONITER BOARD
No cards
Owned by you
USAGE OVERVIEW
3 Cards
Owned by you
RISK AND SECURITY OVERVIEW
4 Cards
Owned by you
Boards shared with you
1 Simulation running


Dashboard
Edit dashboard
Upgrade account
Create resource
For you
Select an option
Build
Explore IBM Cloud with this selection of easy starter tutorials and services.
Monitor your resources
Get visibility into the performance and health of your resources.
Getting started
5 min
Use Watson Assistant
Watson Assistant lets you build conversational interfaces into any application, device, or channel.
Popular
2 min
Build with Watson
Chatbots, insights, recognitizers, and more. Explore the AI platform for business.
Popular
3 min
Create a Kubernetes cluster
Automate deployments and manage your containerized apps in a native Kubernetes experience.
Getting started
20 min
User access
Manage users
Enter email addresses below to jump directly into the invite user setup:
News
View all
Announcing IBM Cloud Pak for Network Automation Version 2.4
Planned maintenance
View all



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
```