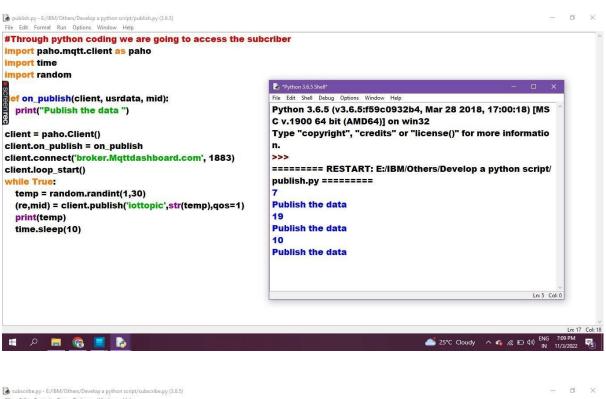
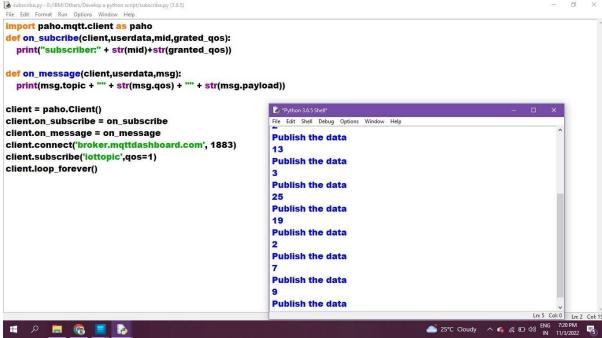
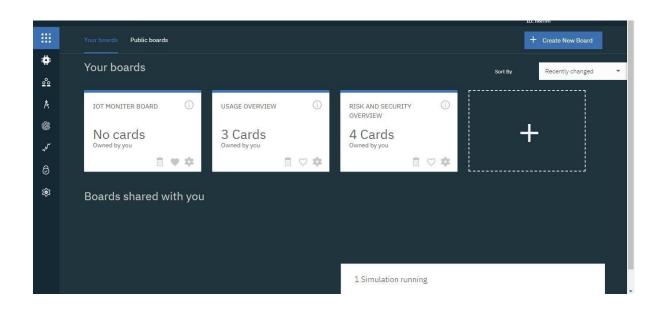
## Develop a python script Publish Data to the IBM Cloud

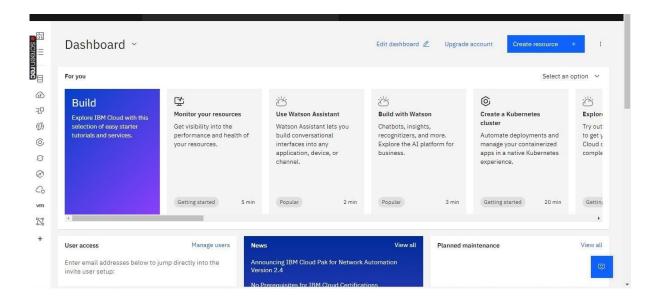
Date	14 November 2022
Team ID	PNT2022TMID35153
Project Name	Project - Signs with smart connectivity for Better road safety
Maximum Marks	4 Marks

## Signs with smart connectivity for Better road safety









```
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          V PYTHON
Ð
                                                                 import wiotp.sdk.device
                                                                import time import random
                                                                 myConfig = {
                                                                 "orgId": "hj5fmy",
"typeId": "NodeMCU",
"deviceId": "12345" },
"auth": { "token": "12345678" }
H.
                                                                 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()
                                                               titent.connect()
while True:

temp=random.randint(-20,125)
hum=random.randint(0,100)
myOata={'temperature':temp, 'humidity':hum}
client.publishEvent(eventId='status", msgFormat="json", data=myOata, qos=0, onPublish=None)
print("Published data Successfully: %s", myOata)
client.commandCallback = myCommandCallback
 PROBLEMS 1 OUTPUT TERMINAL JUPYTER DEBUG CONSOLE
                                                                                                                                                                                                                                                                                                   ≥ Code
          > TIMELINE
```

## **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