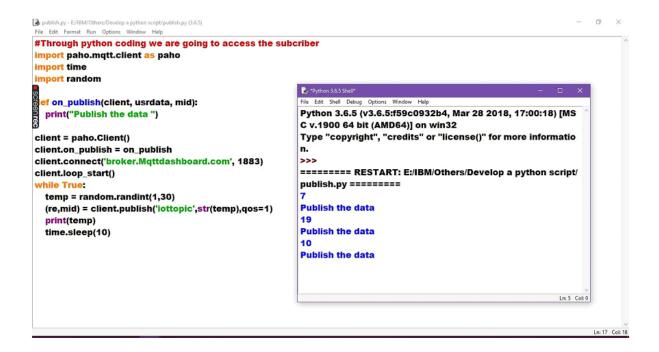
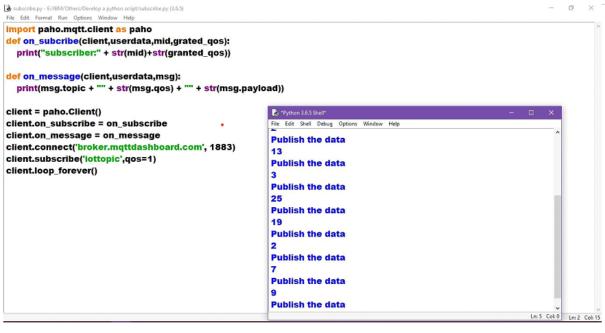
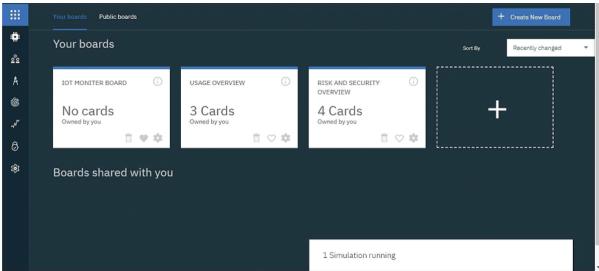
DEVELOP A PYTHON SCRIPT

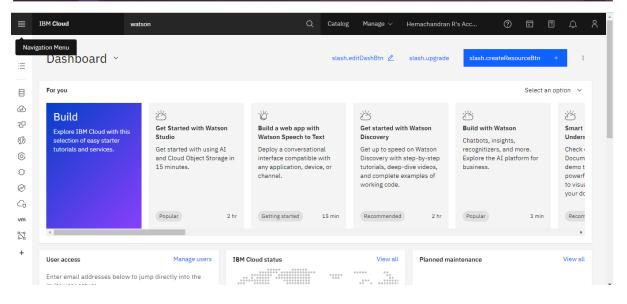
Publish Data to the IBM Cloud

Date	30-10-2022
Team ID	PNT2022TMID26631
Project Name	Signs with Smart Connectivity for Better Road Safety









Program

```
#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = { "identity": {
"orgld": "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=myData,
gos=0, onPublish=None) print("Published data Successfully: %s", myData)
client.commandCallback = myCommandCallback time.sleep(2)
client.disconnect()
```