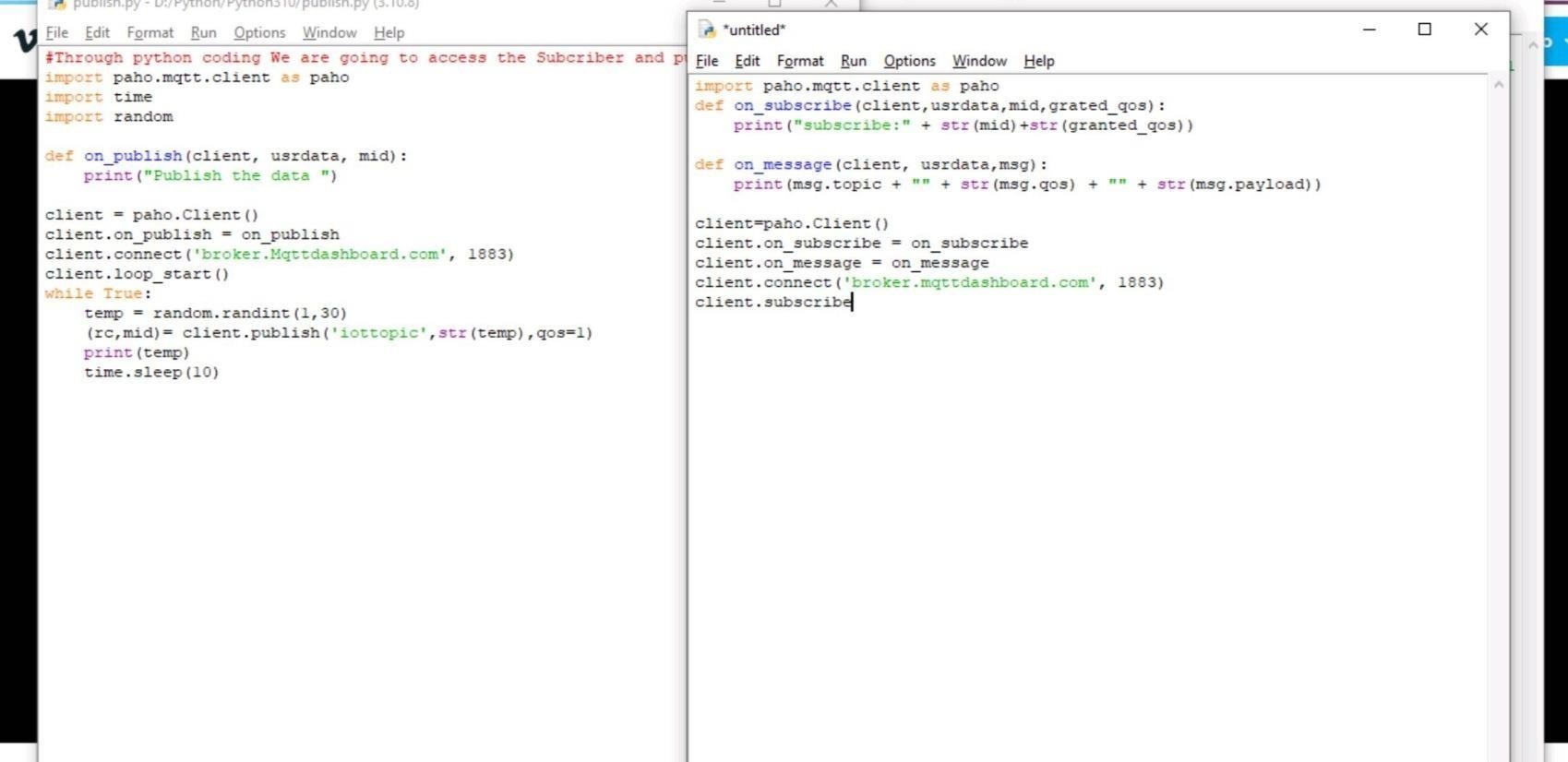
# [DEVELOP THE PYTHON SCRIPT](https://careereducation.smartinternz.com/Student/guided_project_workspace/20178#collapse3)

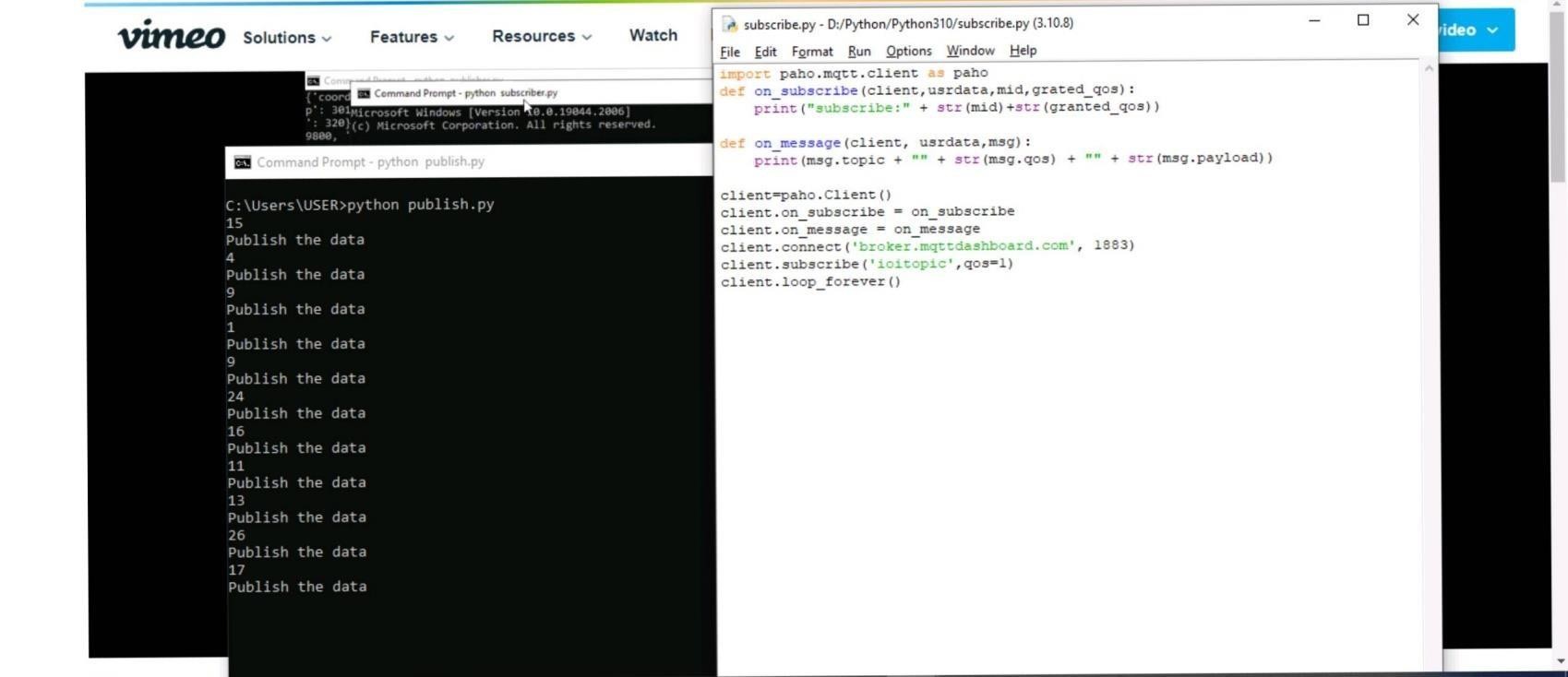
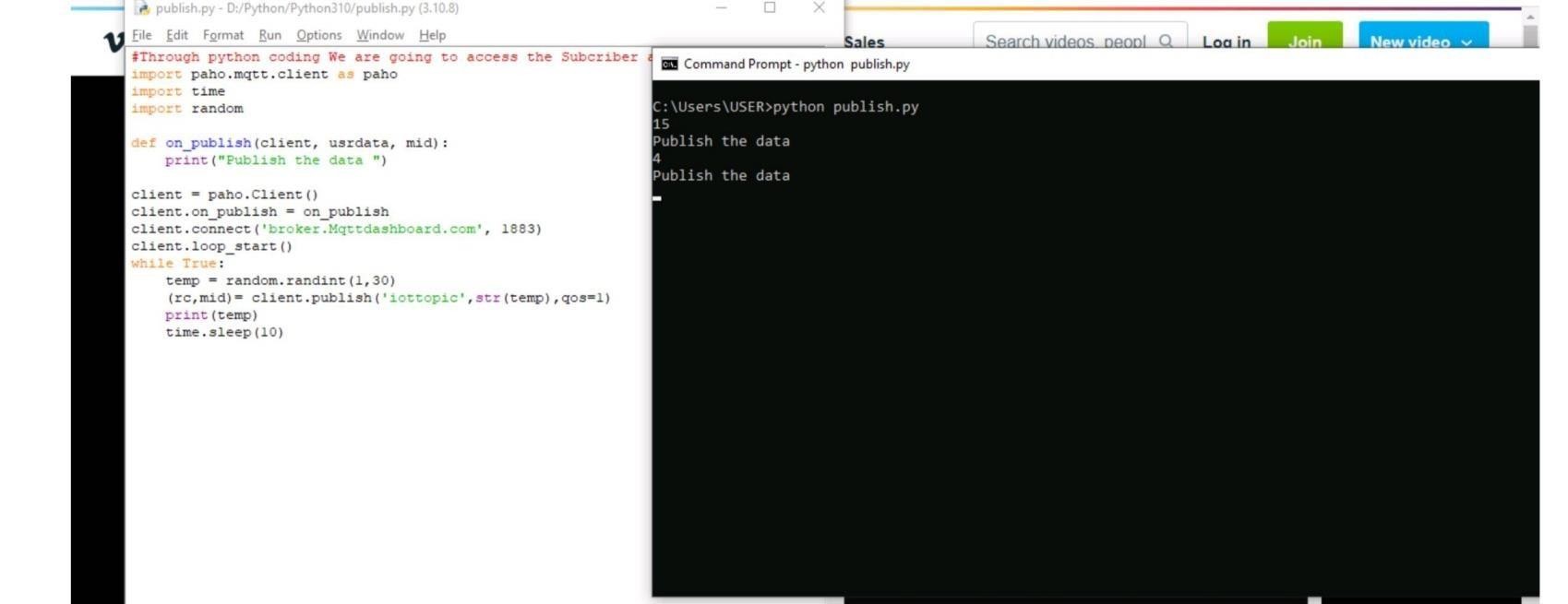
**Publish data to the IBM Cloud**

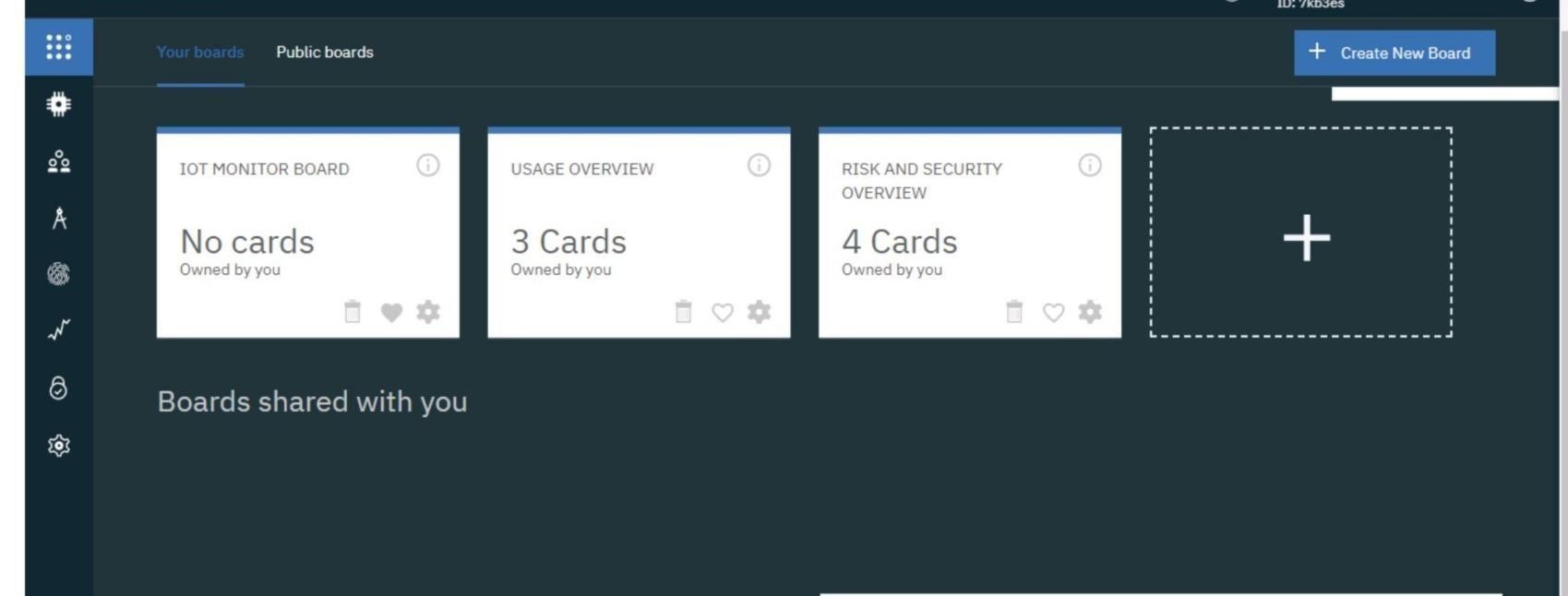
Team ID : PNT2022TMID12755

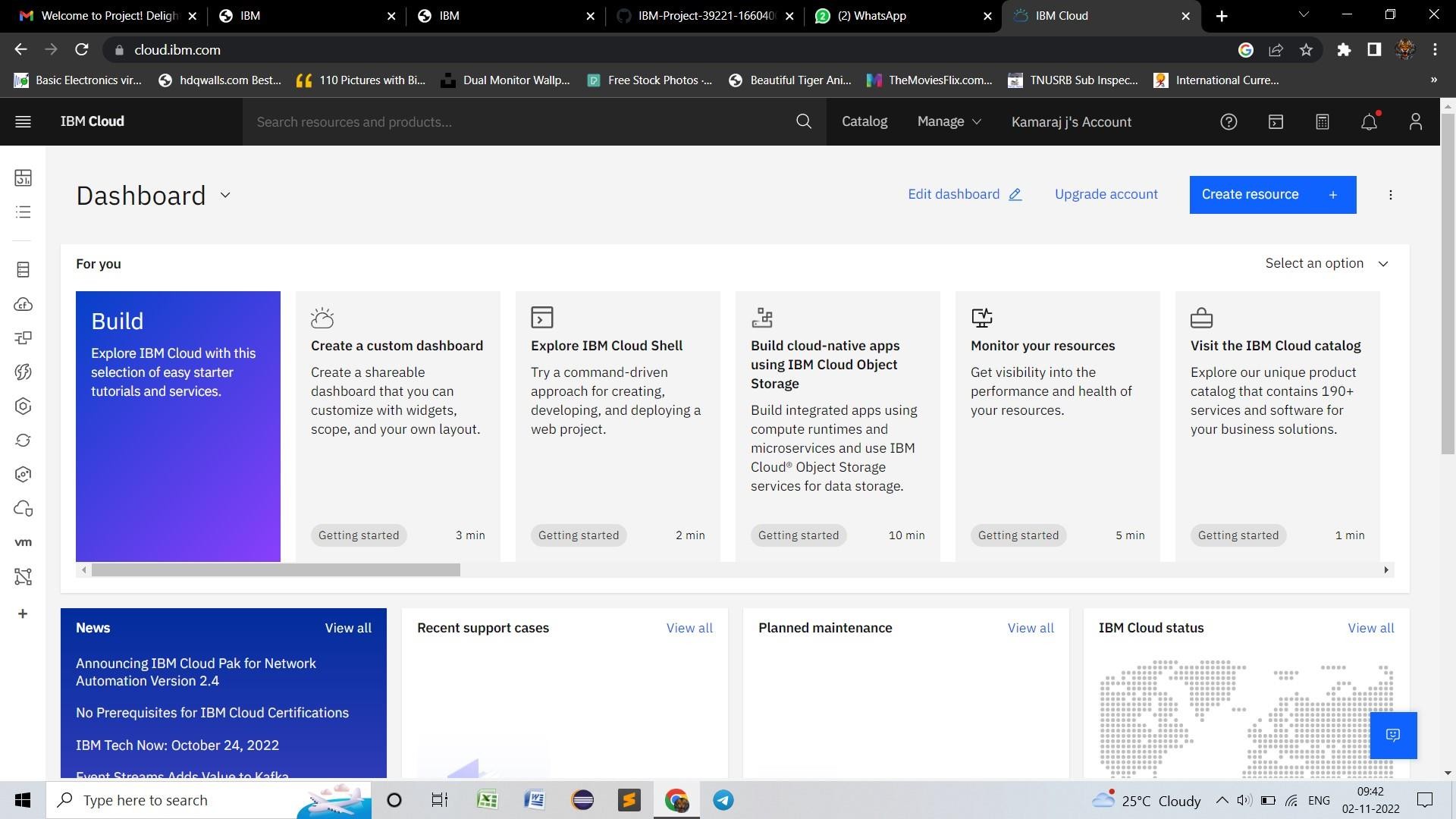
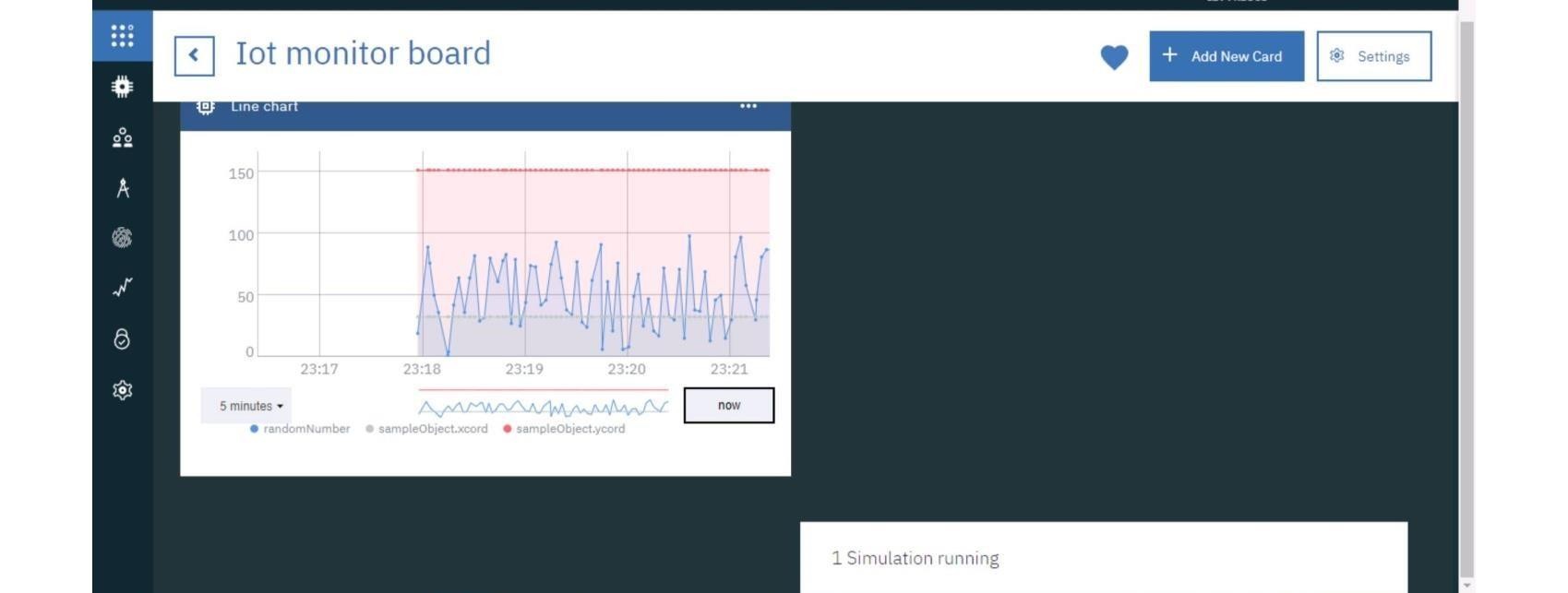
Project Title : SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY

**TO Make a publisher and subscriber in the process of python and IBM cloud**









# PROGRAM

#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=myData, qos=0, onPublish=None) print("Published data Successfully: %s", myData) client.commandCallback = myCommandCallback time.sleep(2)

client.disconnect()