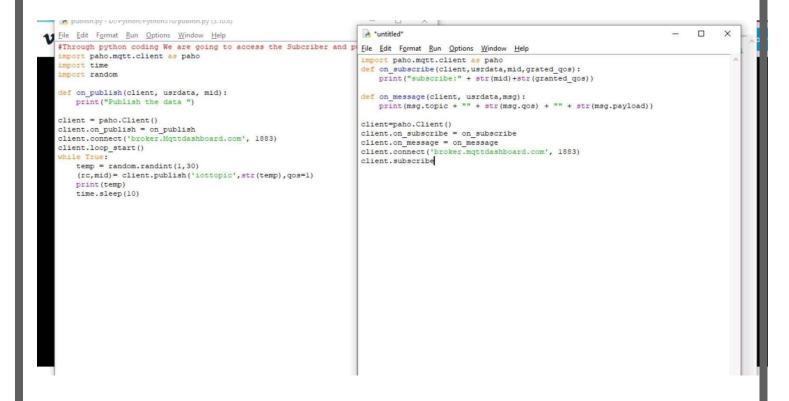
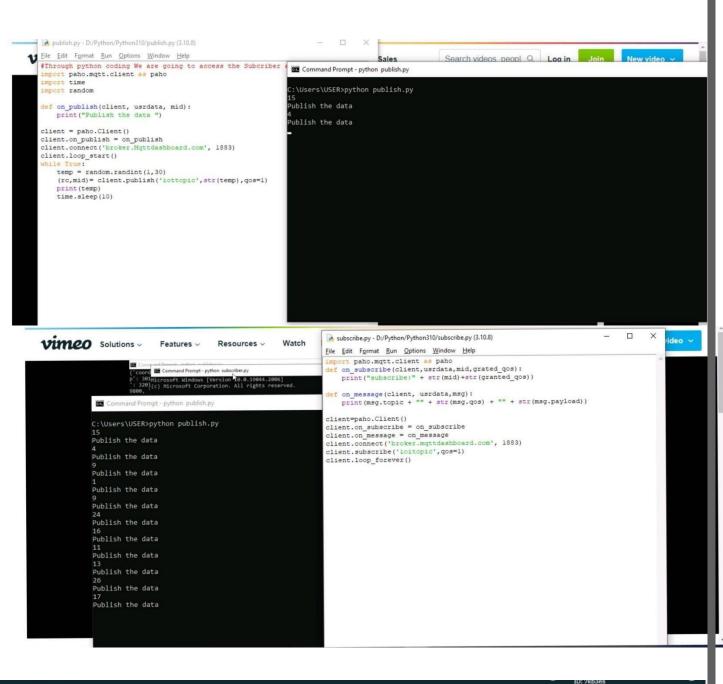
DEVELOP THE PYTHON SCRIPT Publish data to the IBM Cloud

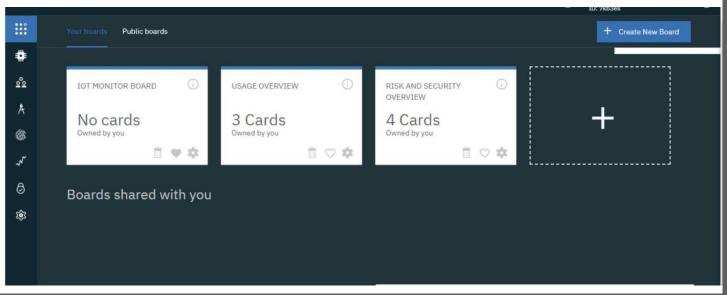
Team ID: PNT2022TMID22778

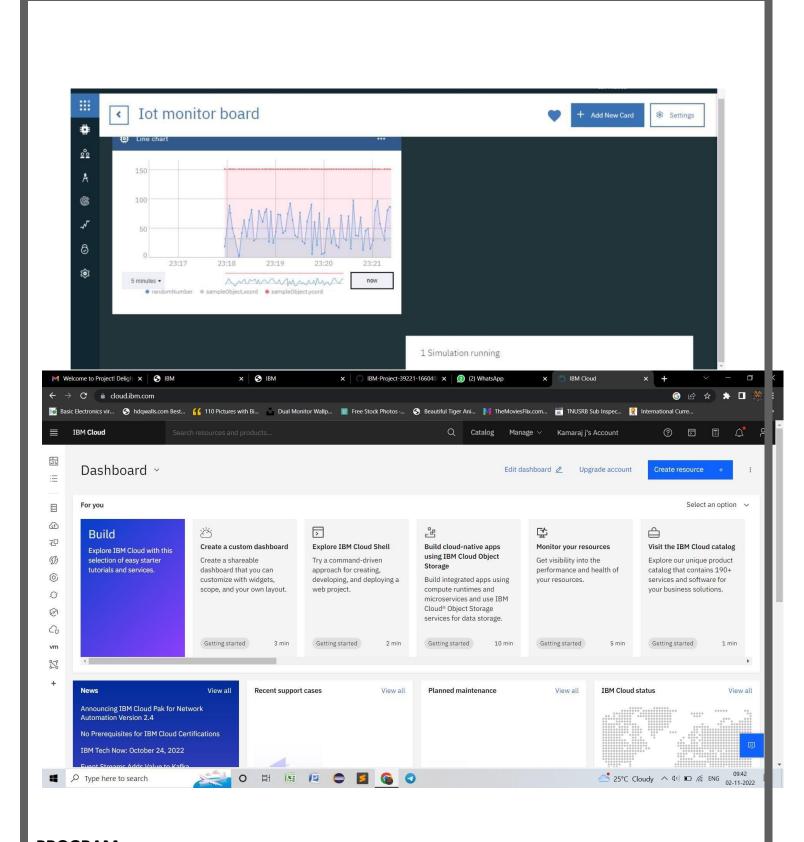
Project Title: SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY

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()
```

