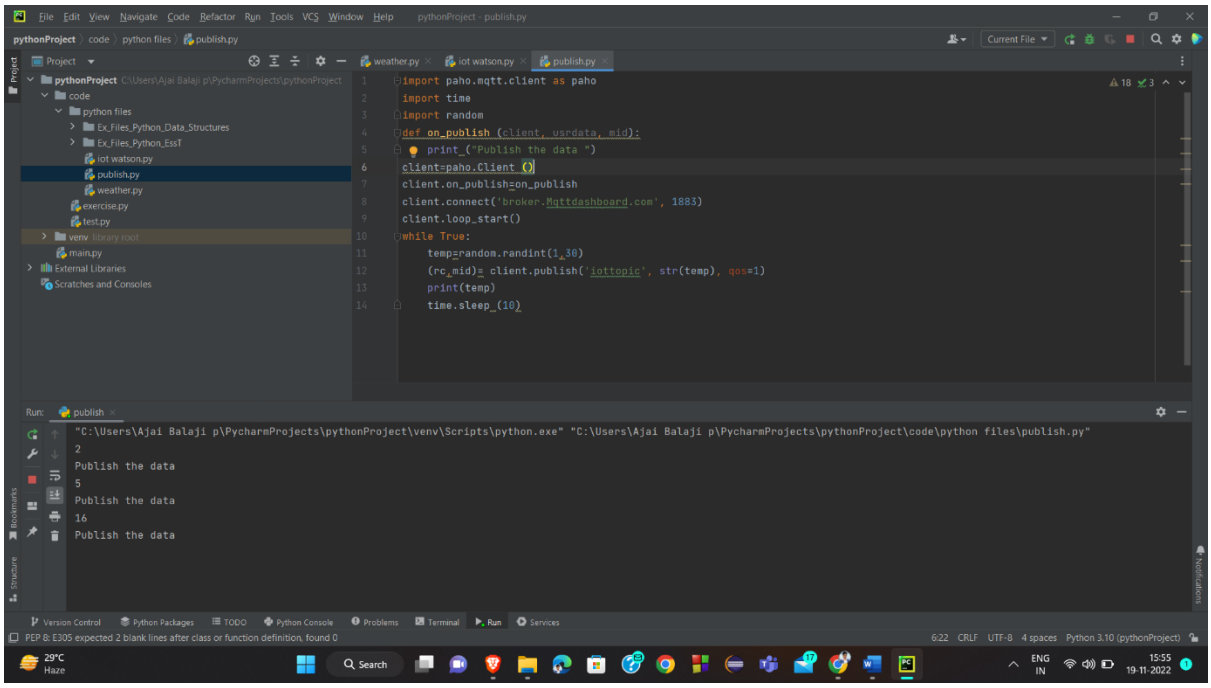
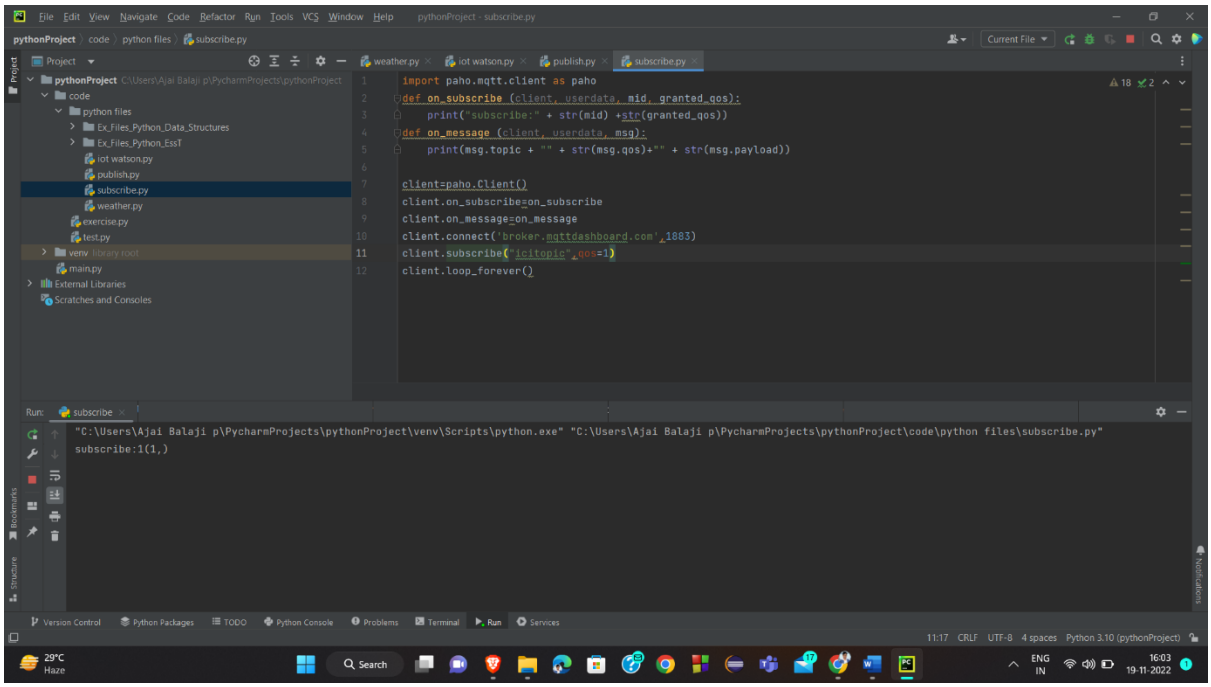
PUBLISH DATA TO IBM CLOUD

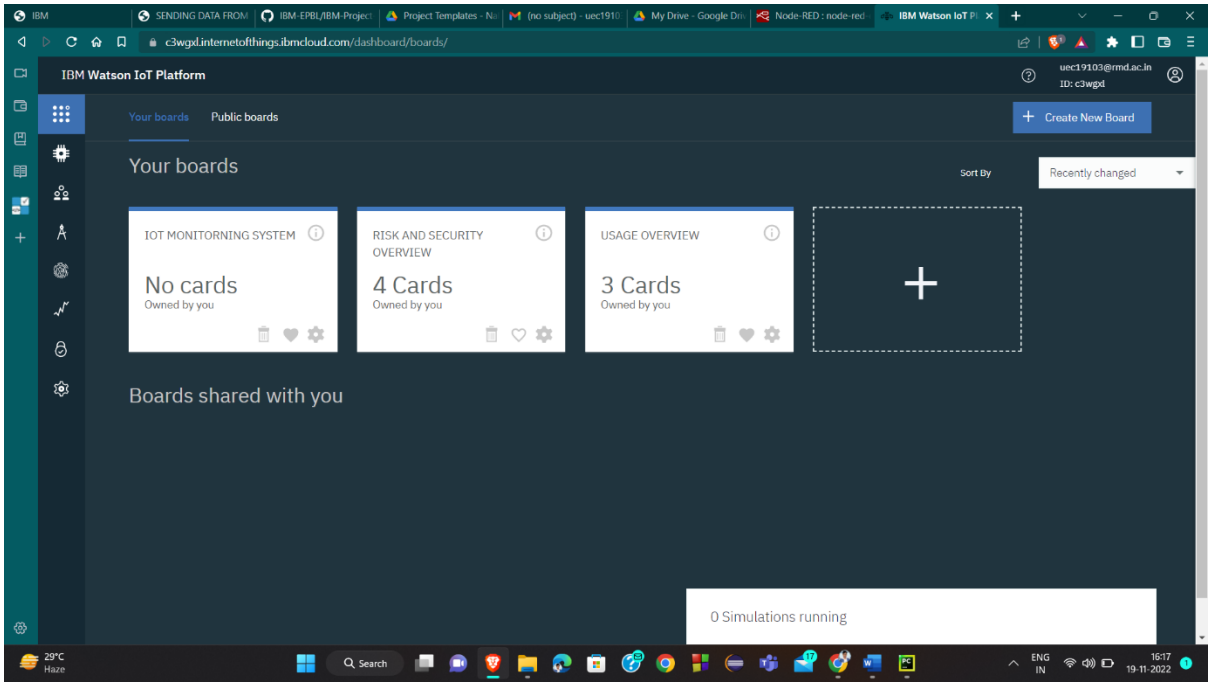
Date: 20 OCTOBER 2022

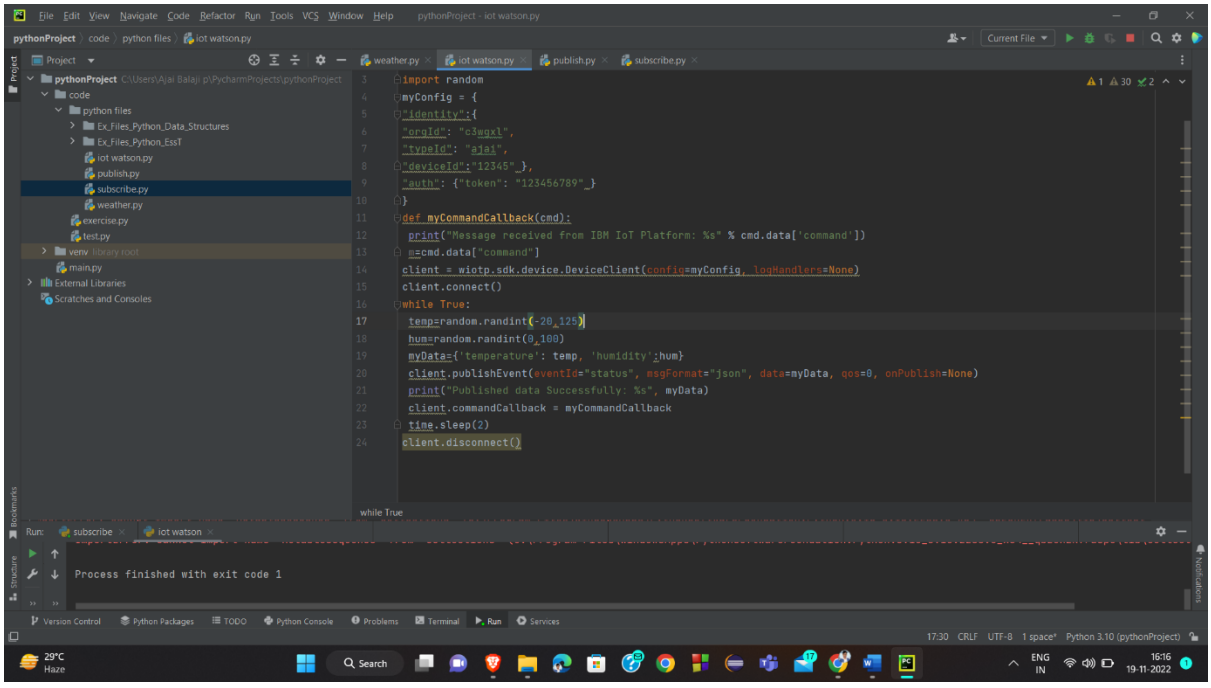
Team ID: PNT2022TMID14814

Project Name: Signs with Smart Connectivity for Better Road Safety









Code:

```
import wiotp.sdk.device

import time

import random

myConfig = {
```

```
"identity":{
"orgId": "c3wgxl",
"typeId": "ajai",
"deviceId":"12345" },
"auth": {"token": "123456789" }
}
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()
```