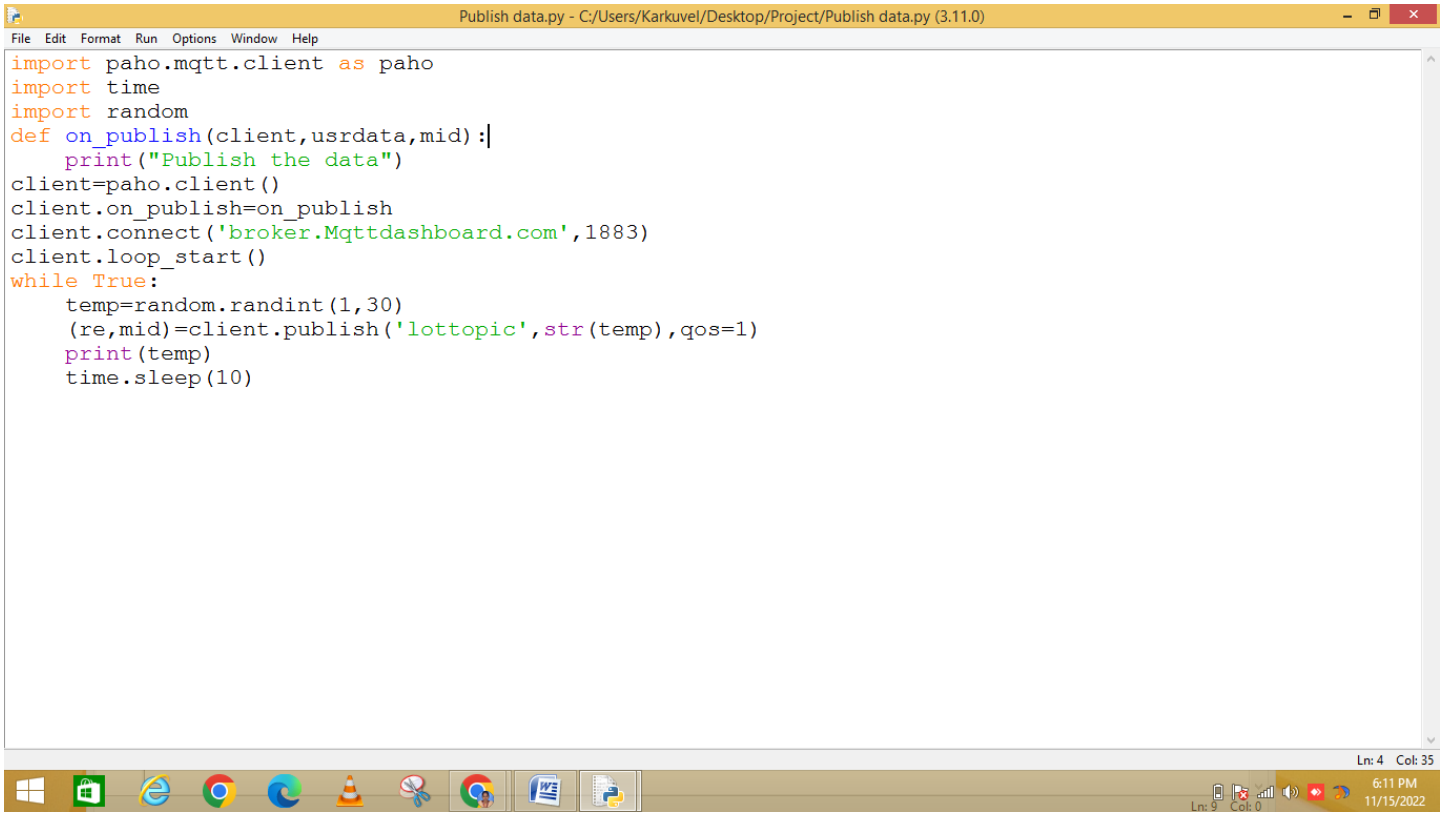
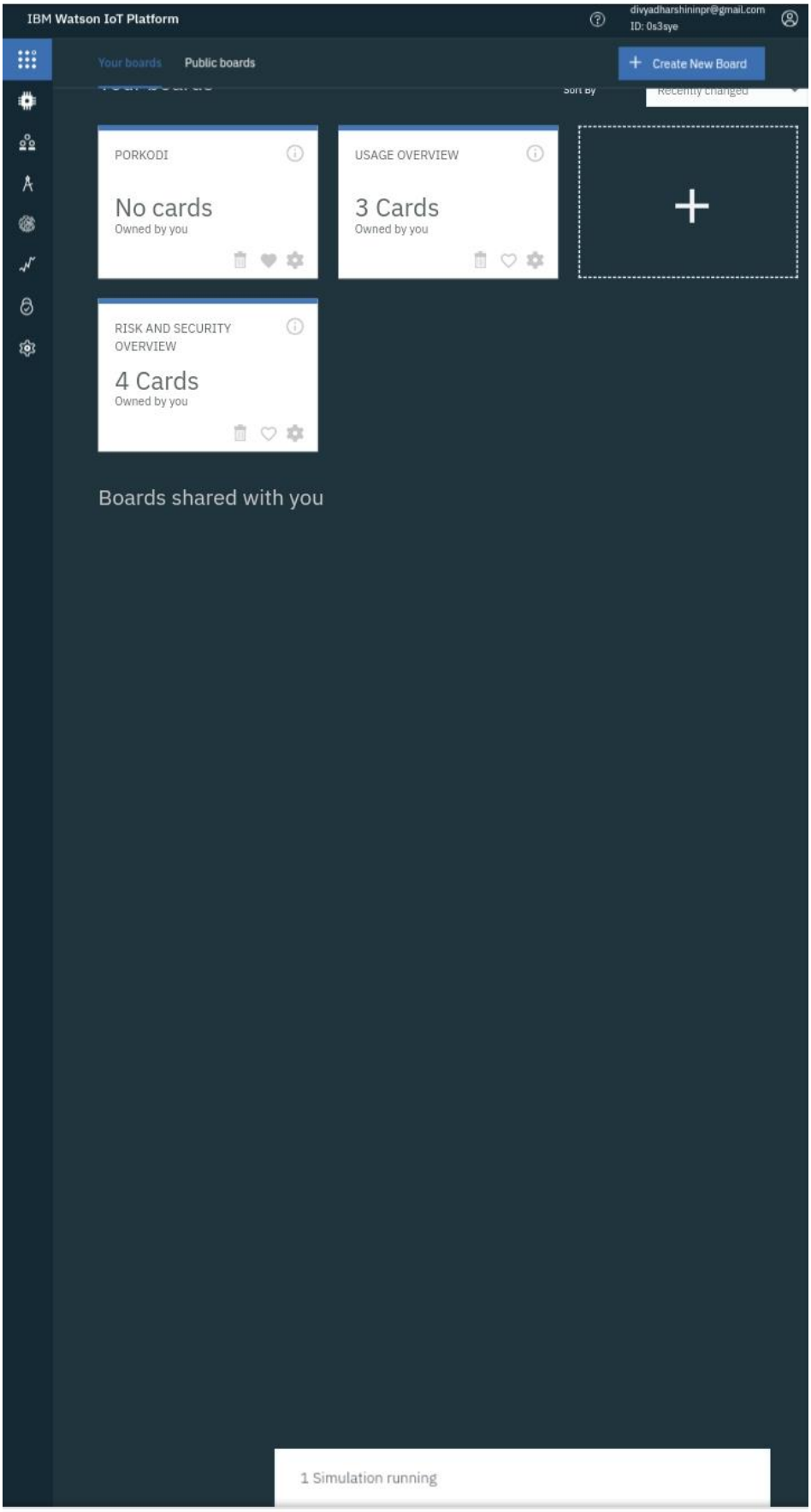
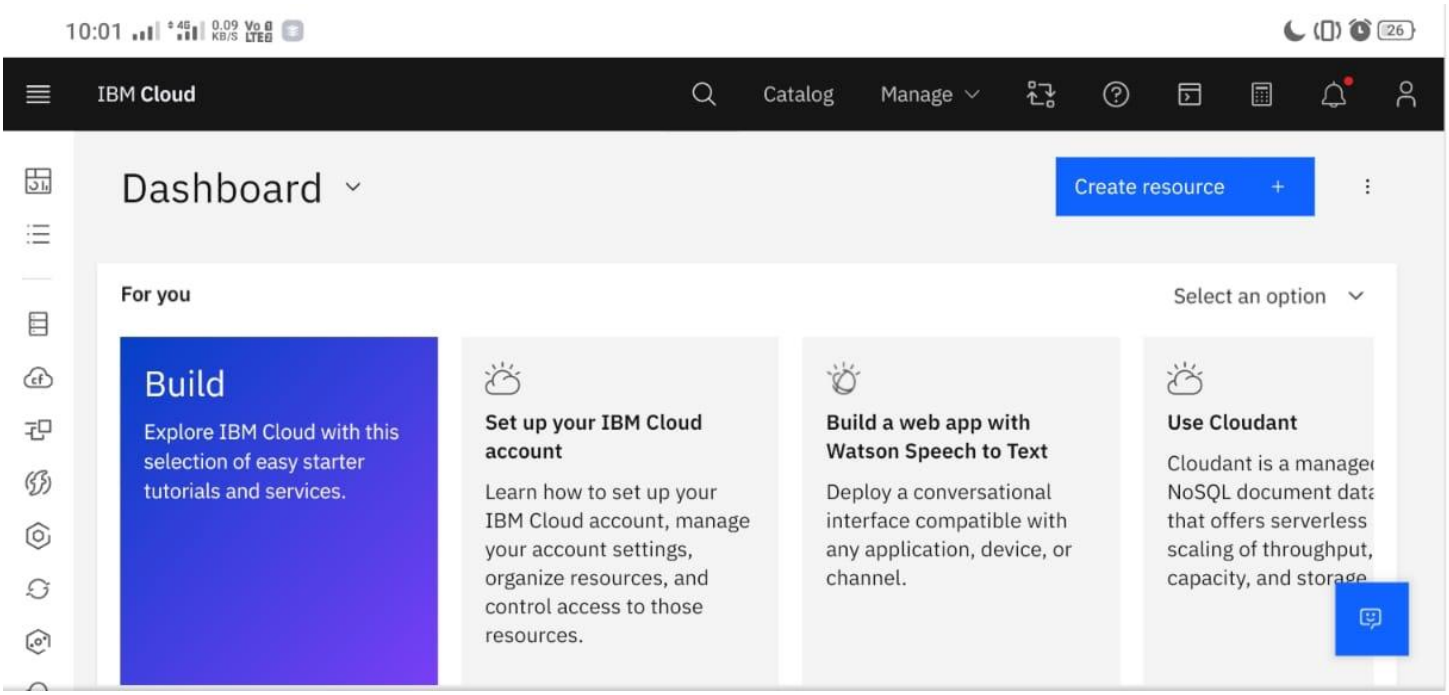
Develop a python script
Publish Data to the IBM Cloud

Date	12 November 2022
Team ID	PNT2022TMID48694
Project Name	Project - Signs with smart connectivity for Better road safety
Maximum Marks	4 Marks

Signs with smart connectivity for Better road safety




IBM Watson IoT Platform
divyadharshininpr@gmail.com
ID: 0s3sye
Your boards
Public boards
Create New Board
Sort By
Recently changed
PORKODI
No cards
Owned by you
USAGE OVERVIEW
3 Cards
Owned by you
RISK AND SECURITY OVERVIEW
4 Cards
Owned by you
Boards shared with you
1 Simulation running



Program :

```
#IBM Watson Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity":  { "orgId":
    " b59mry ",
    "typeId": "Node",
    "deviceId":"1111" },
    "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()
```