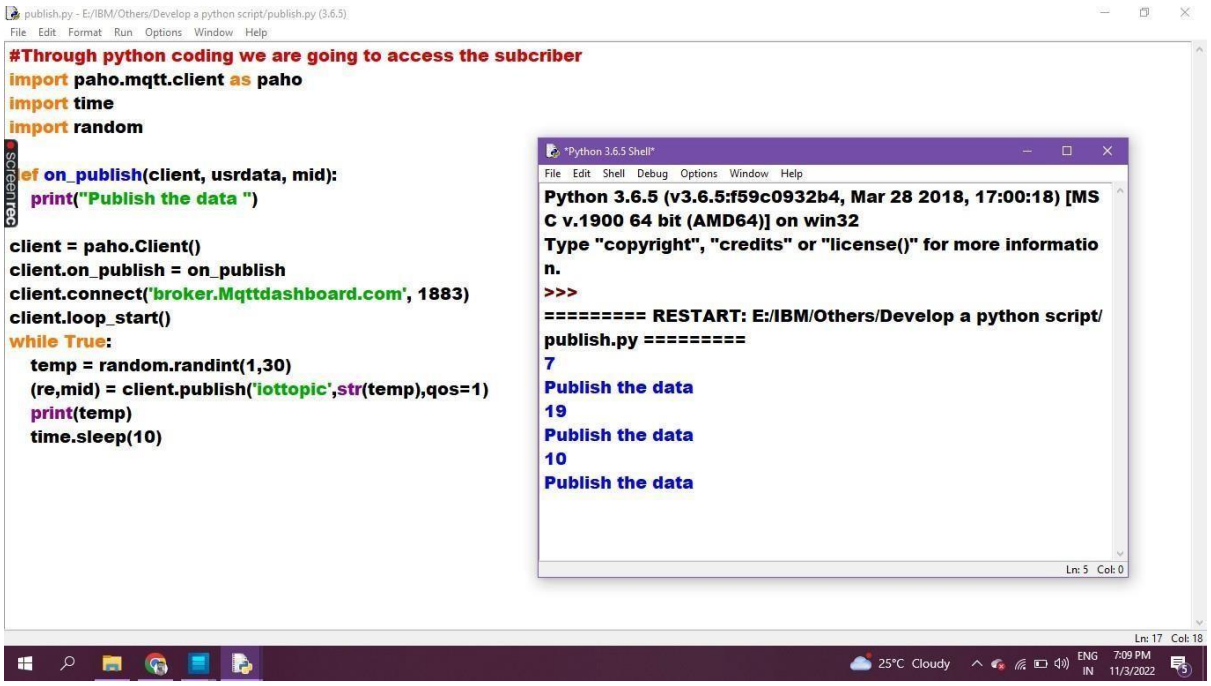
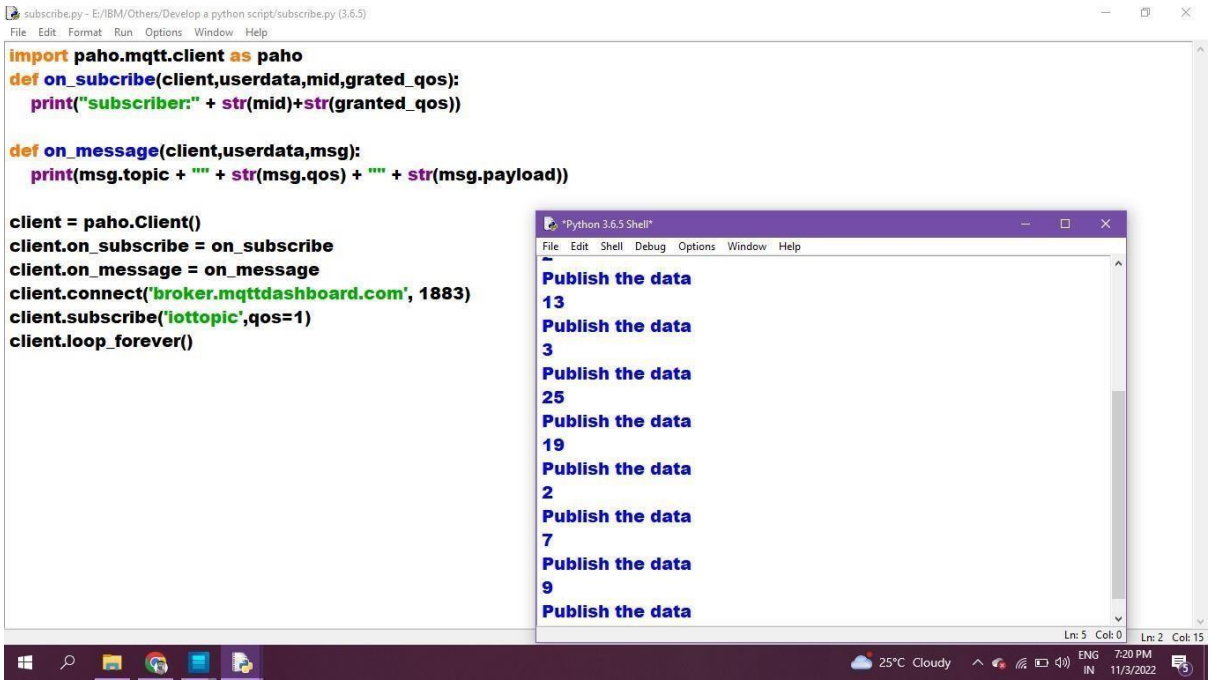
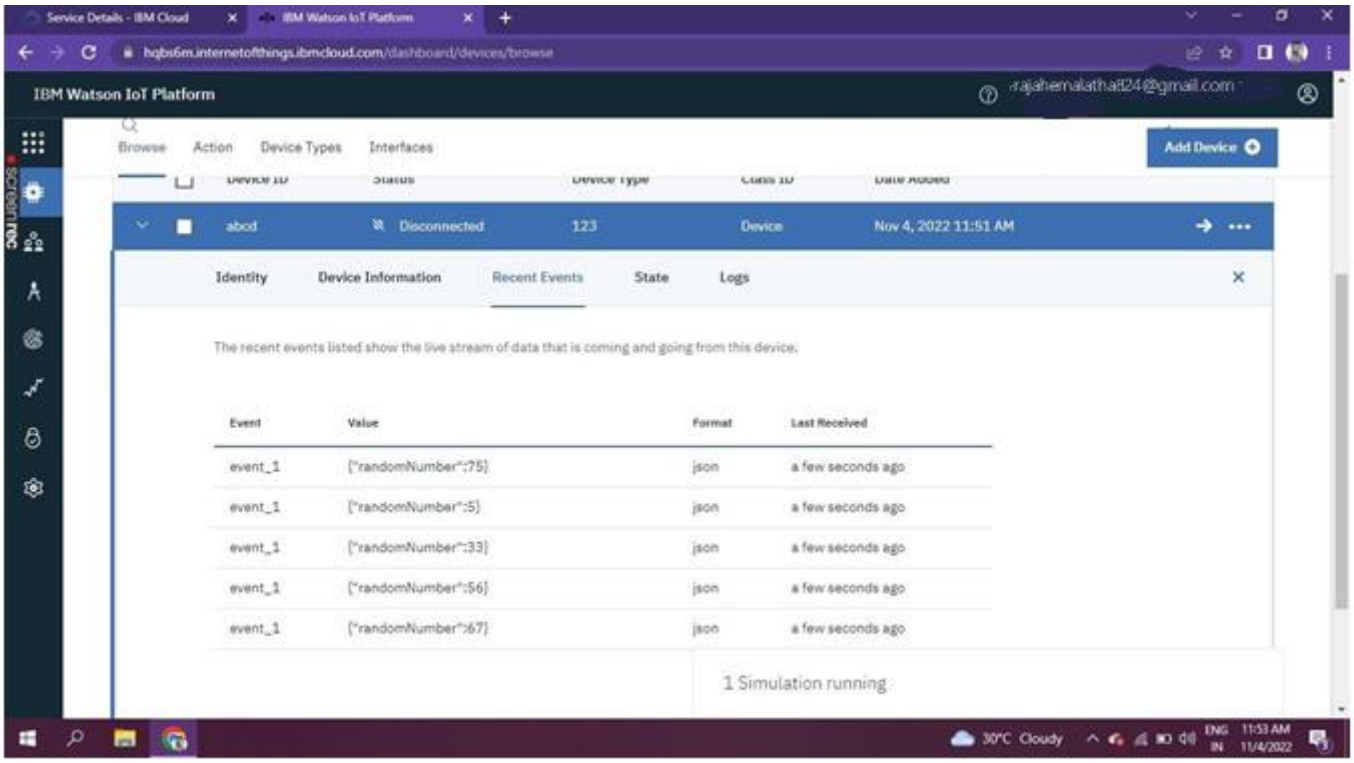
Develop a python script
Publish Data to the IBM Cloud

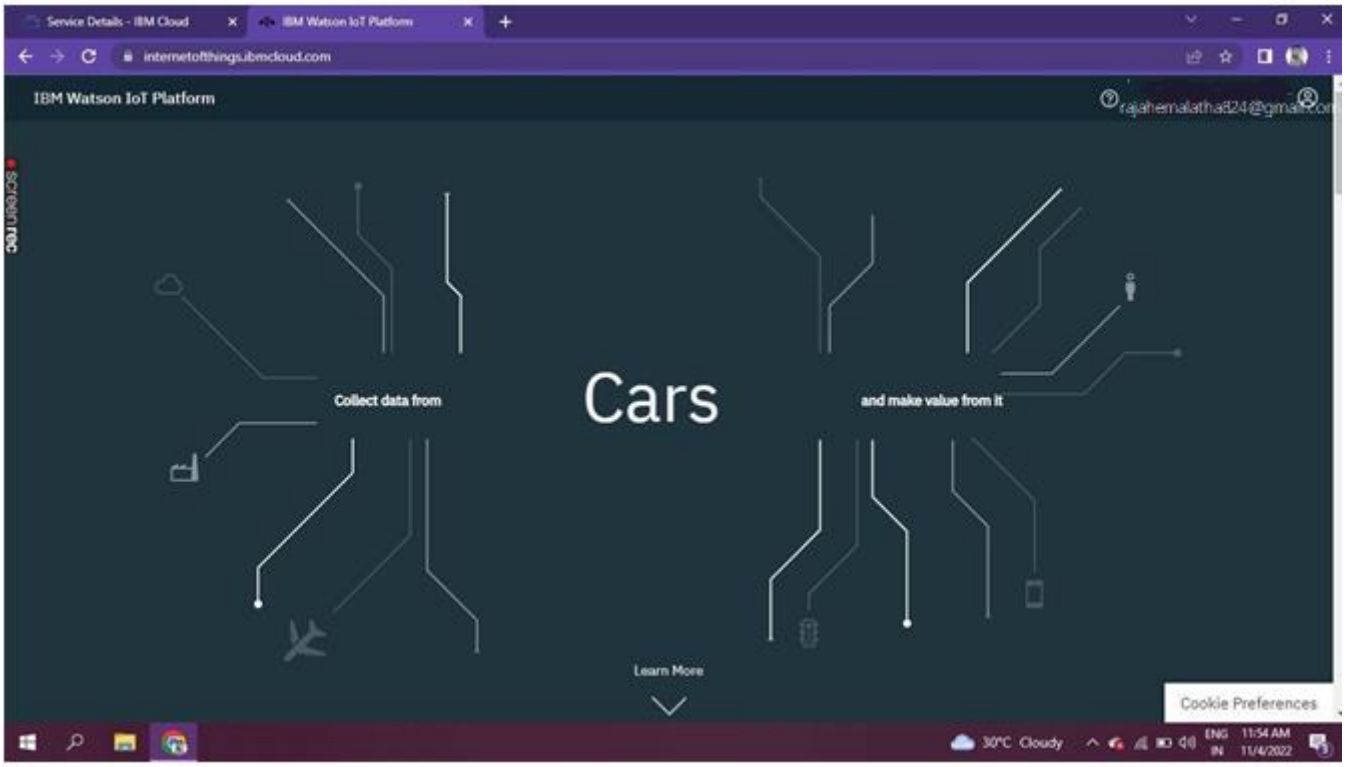
SMART WASTE MANAGEMENT SYSTEM
FOR METROPOLITIAN CITIES

STUDENT NAME : **R.HEMALATHA – TEAM LEADER**
M.SANGEETHA – TEAM MEMBER
P.ABIRAMI -TEAM MEMBER
S.JENIFA MARY – TEAM MEMBER









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()
```