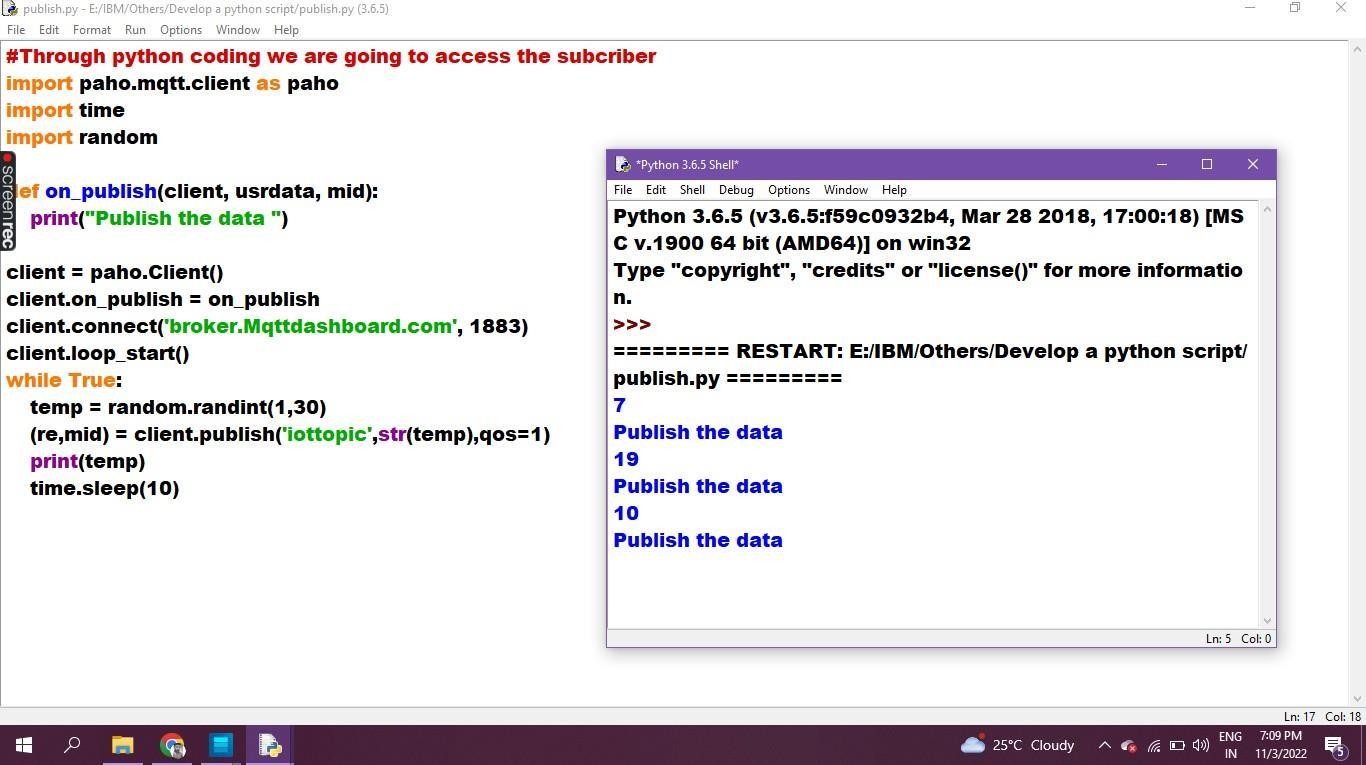
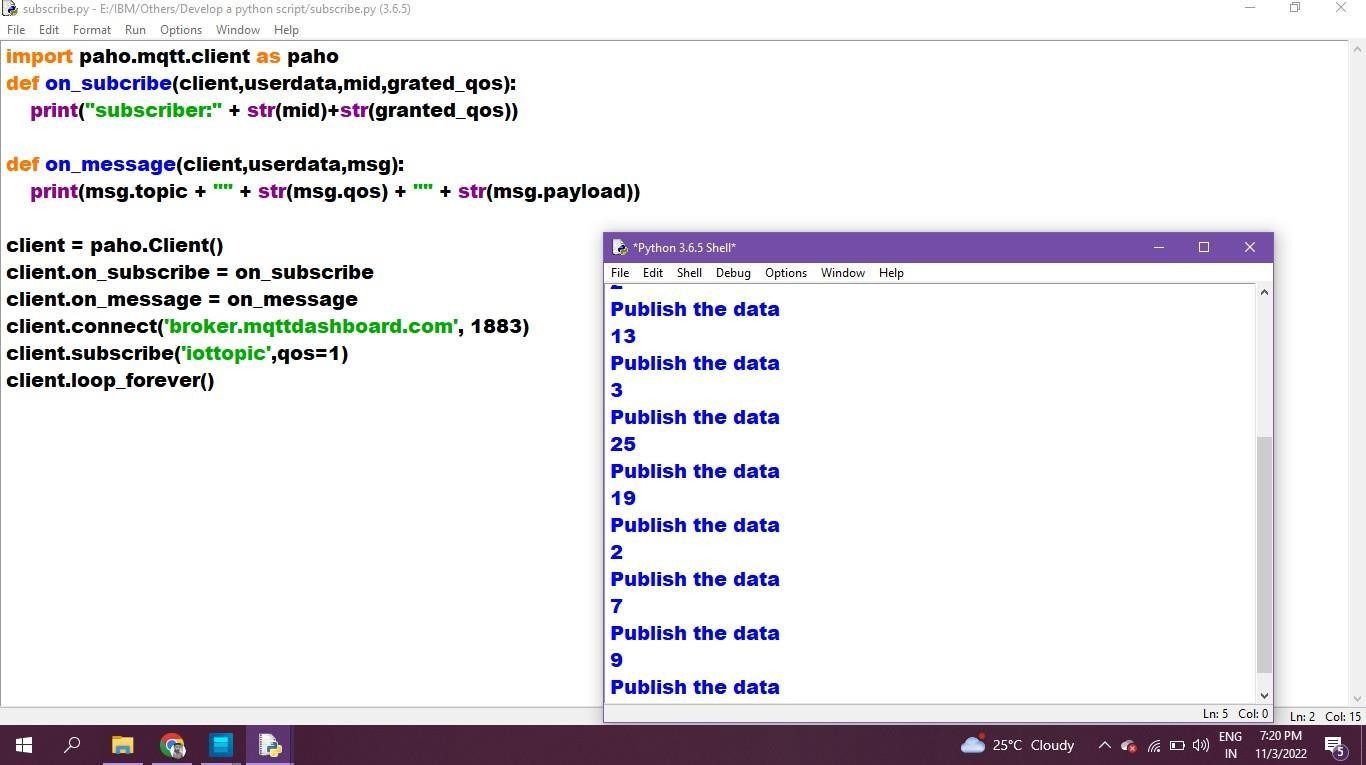
# Develop a python script

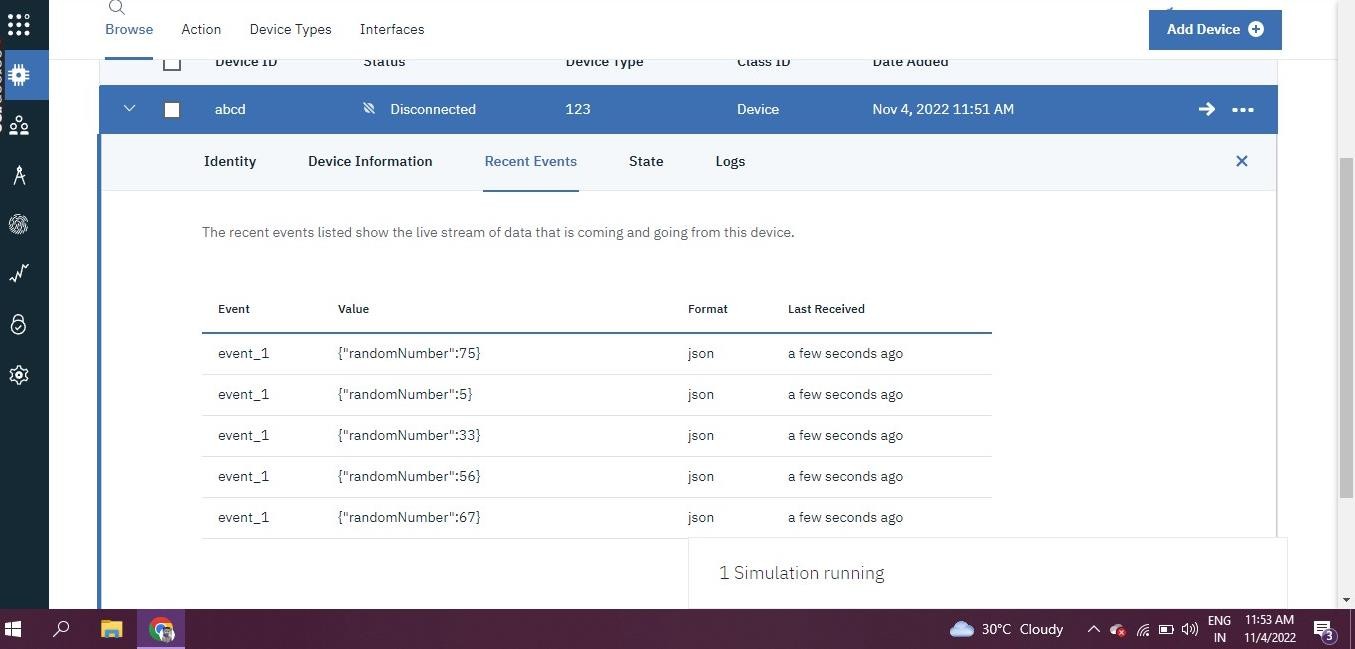
**Publish Data to the IBM Cloud**

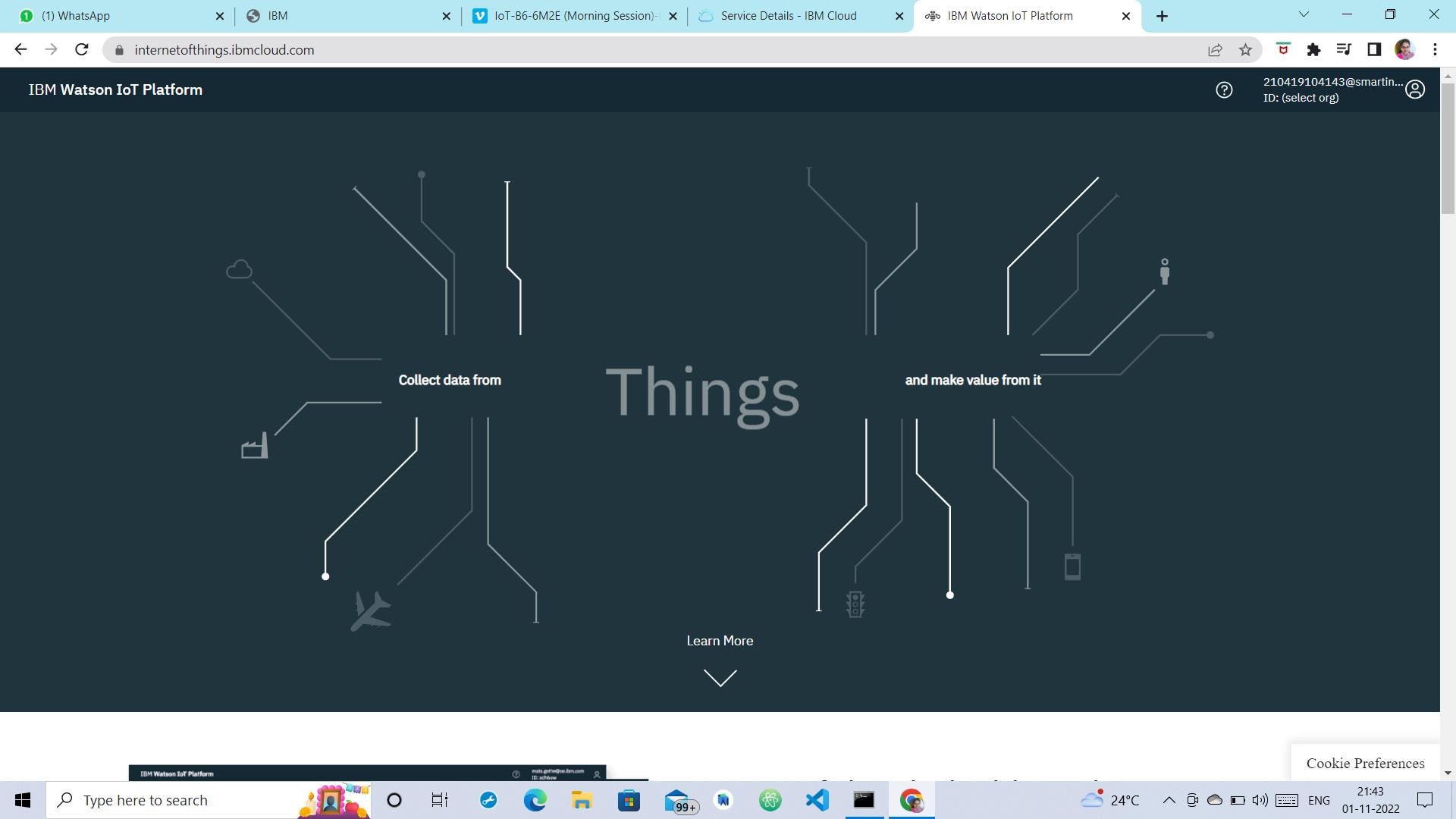
|  |  |
| --- | --- |
| Team ID | PNT2022TMID13652 |
| Project Name | SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITAN CITIES |
| Maximum Marks | 4 Marks |

# SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITIAN CITIES









**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()