## **DELIVERY OF SPRINT - 2**

Date	03 November 2022
Team ID	PNT2022TMID17949
Project Name	Smart Waste Management System For Metropolitan Cities
Maximum Marks	4 Marks

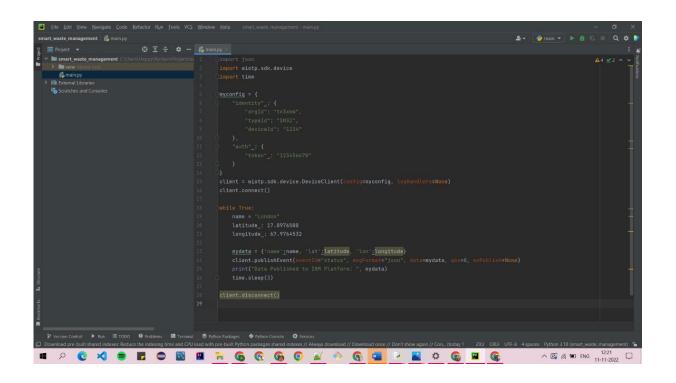
## Develop a python script to publish the location details to the IBM IoT platform

## I. Python Code:

```
import json
import wiotp.sdk.device
import time

myconfig = {
    "identity" : {
        "orgId": "tn3xmm",
        "typeId": "SM32",
        "deviceId": "1234"
      },
      "auth" : {
        "token" : "12345678"
      }
} client = wiotp.sdk.device.DeviceClient(config=myconfig, logHandlers=None)
```

```
client.connect()
while True:
    city = "London"
lat = 34.8976508
long = 67.9764532
data = {'name':city, 'lat':lat, 'lon':long}
    client.publishEvent(eventId="Active", msgFormat="json", data=data, qos=0,
onPublish=None)
    print("Data Updated to IBM Platform: ", data)
    time.sleep(3)
client.disconnect()
```



## II. IBM Watson IoT Platform results:

