PYTHON SCRIPT TO PUBLISH DATA TO IBM CLOUD

Date	12 SEPTEMBER 2022
Team ID	PNT2022TMID26651
Project Name	**Project**-Smart Waste Management System in Metropolitan Cities.
Maximum Marks	8 Marks

PYTHON CODE:

```python
import wiotp.sdk.device
import time  import json
myConfig = {
    "identity": {
    "orgId": "1086aa",
    "typeId": "scriptpy",
    "deviceId":"12345"
    },
    "auth": {
    "token": "123456789"
    }
}


client = wiotp.sdk.device.DeviceClient(config=myConfig,
logHandlers=None) client.connect()


while True:
    name="smartbridge"
latitude=17.4225176
longitude=70.5450042
    myData={'name': 'name', 'lat': latitude, 'lon': longitude}
client.publishEvent(eventId="status", msgFormat="json",
data=myData, qos=0, onPublish=None)
```
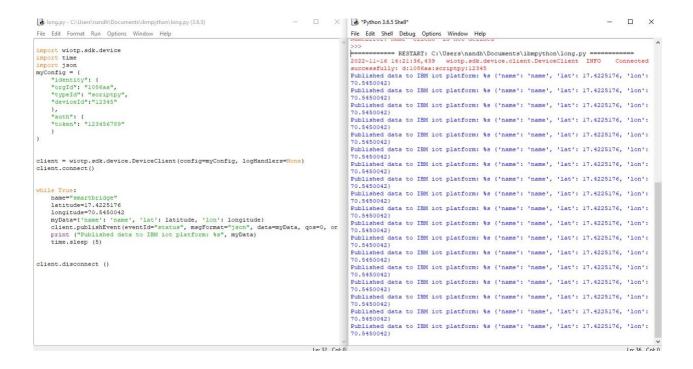
```
    print ("Published data to IBM iot platform: %s", myData)
time.sleep (5)



client.disconnect ()
```

PYTHON OUTPUT:

PUBLISH DATA TO IBM CLOUD OUTPUT

Add Device ⊕

Identity   Device Information   **Recent Events**   State   Logs   ✕

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
status	{"name":"name","lat":17.4225176,"lon":70.545...	json	a few seconds ago
status	{"name":"name","lat":17.4225176,"lon":70.545...	json	a few seconds ago
status	{"name":"name","lat":17.4225176,"lon":70.545...	json	a few seconds ago
status	{"name":"name","lat":17.4225176,"lon":70.545...	json	a few seconds ago
status	{"name":"name","lat":17.4225176,"lon":70.545...	json	a few seconds ago