PYTHON SCRIPT TO PUBLISH DATA TO IBM CLOUD

Date	12 SEPTEMBER 2022
Team ID	PNT2022TMID41897
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:

long.py - C:\Users\nandh\Documents\ibmpython\long.py (3.6.5)   — □ ×

File Edit Format Run Options Window Help
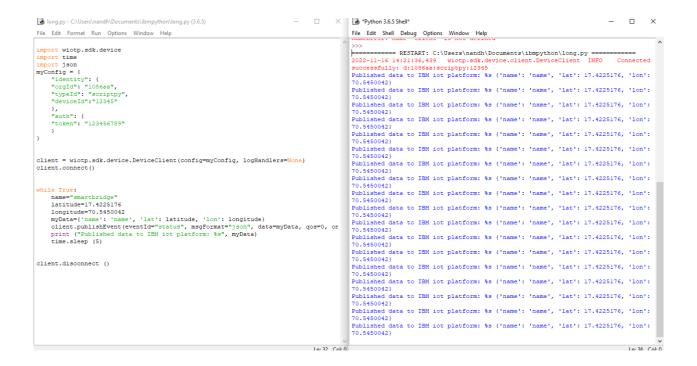
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    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, on
    print ("Published data to IBM iot platform: %s", myData)
    time.sleep (5)

client.disconnect ()
```
Ln: 32 Col: 0

Python 3.6.5 Shell   — □ ×

File Edit Shell Debug Options Window Help

```
>>>
============= RESTART: C:\Users\nandh\Documents\ibmpython\long.py =============
2022-11-16 14:21:36,439   wiotp.sdk.device.client.DeviceClient  INFO    Connected
successfully: d:1086aa:scriptpy:12345
Published data to IBM iot platform: %s {'name': 'name', 'lat': 17.4225176, 'lon':
70.5450042}
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Published data to IBM iot platform: %s {'name': 'name', 'lat': 17.4225176, 'lon':
70.5450042}
```
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PUBLISH DATA TO IBM CLOUD OUTPUT