

## SPRINT 4

Date	7 November 2022
Team ID	PNT2022TMID030639
Project Name	Project -IoT Based Safety Gadget for Child Safety Monitoring and Notification

### **Python code:**

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

myConfig={
    "identity":{
        "orgId": "90t0p8",
        "typeId": "ChildSafetyGadget",
        "deviceId": "PNT2022TMID30639"
    },
    "auth": {
        "token": "2zdfvRDye5(b1qFQpb"
    }
}

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

while True:
```

```

name= "Smartbridge"    latitude = 17.4219272    longitude =78.5400783
myData = {'name':name, 'lat':latitude, 'lon': longitude}
client.publishEvent (eventId="status", msgFormat="json", data=myData,
qos=0, onPublish=None)    print ("Data published to IBM IoT platfrom:
",myData)    time.sleep(5)

client.disconnect()

```

```

import json
import wiotp.sdk.device
import time
myConfig={
    "identity":{
        "orgId": "90t0p8",
        "typeId": "ChildSafetyGadget",
        "deviceId": "PNT2022TMID00392"
    },
    "auth": {
        "token": "2zdfvRDye5(b1qFQpb"
    }
}
client = wiotp.sdk.device.DeviceClient (config=myConfig, logHandlers=None)
client.connect()

while True:
    name= "Smartbridge"
    latitude = 17.4219272
    longitude = 78.5400783
    myData = {'name':name, 'lat':latitude, 'lon': longitude}
    client.publishEvent (eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
    print ("Data published to IBM IoT platfrom: ",myData)
    time.sleep(5)

client.disconnect()

```

**Python Shell:**

```
Python 3.7.4 Shell
File Edit Shell Debug Options Window Help
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:\Users\sandh\Downloads\ibm\python code\trailcode.py =====
2022-11-08 18:41:08,142 wiotp.sdk.device.client.DeviceClient INFO Connected successfully: d:90t0p8:ChildSafetyGadget:PN
T2022TMID00392
Data published to IBM IoT platform: {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 78.5400783}
Data published to IBM IoT platform: {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 78.5400783}
Data published to IBM IoT platform: {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 78.5400783}
```