SPRINT 4

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

Python code:

```python
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()
```

```python
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
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:P
NT2022TMID00392
Data published to IBM IoT platfrom:  {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 78.5400783}
Data published to IBM IoT platfrom:  {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 78.5400783}
Data published to IBM IoT platfrom:  {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 78.5400783}
```