DEVELOP A PYTHON SCRIPT

Date	16 September 2022
Team ID	PNT2022TMID23100
Project name	Project-IoT based safety gadget for child safety monitoring and notification

Develop a python script and publish the data to IBM IOT platform

Code:

```
ibm code2.py - C:/Users/91701/AppData/Local/Programs/Python/Python310/ibm code2.py (3.10.5)
File  Edit  Format  Run  Options  Window  Help

import json
import wiotp.sdk.device
import time

myConfig = {
    "identity":{
        "orgId":"q6k20x",
        "typeId":"rasberrypi",
        "deviceId":"123"
    },
    "auth": {
        "token":"123456789"
    }
}
client = wiotp.sdk.device.DeviceClient(config=myconfig, logHandlers=None)
client.connect()

while True:
    name= "smartbridge"
    latitude=17.4219272
    longitude=78.5488783
    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 platform: ",myData)
    time.sleep(5)

client.disconnect()
```

Output:

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}