

DEVELOP PYTHON SCRIPT:

```
import wiotp.sdk.device
```

```
import time
```

```
import random
```

```
myConfig = {  
    "identity": {  
        "orgId": "gagtey",  
        "typeId": "GPS",  
        "deviceId": "12345"  
    },  
    "auth": {  
        "token": "12345678"  
    }  
}
```

```
def myCommandCallback (cmd):
```

```
    print ("Message received from IBM IoT Platform: %s" % cmd.data['command'])
```

```
    m=cmd.data['command']
```

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

```
client.connect()
```

```
def pub (data):
```

```
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0,  
onPublish=None)
```



```
print ("Published data Successfully: %s", myData)
```

```
while True:
```

```
    myData={'name': 'Train1', 'lat': 17.6387448, 'lon': 78.4754336}
```

```
    pub (myData)
```

```
    time.sleep (3)
```

```
    #myData={'name': 'Train2', 'lat': 17.6387448, 'lon': 78.4754336}
```

```
    #pub (myData)
```

```
    #time.sleep (3)
```

```
    myData={'name': 'Train1', 'lat': 17.6341908, 'lon': 78.4744722}
```

```
    pub(myData)
```

```
    time.sleep(3)
```

```
    myData={'name': 'Train1', 'lat': 17.6340889, 'lon': 78.4745052}
```

```
    pub (myData)
```

```
    time.sleep (3)
```

```
    myData={'name': 'Train1', 'lat': 17.6248626, 'lon': 78.4720259}
```

```
    pub (myData)
```

```
    time.sleep (3)
```

```
    myData={'name': 'Train1', 'lat': 17.6188577, 'lon': 78.4698726}
```

```
    pub (myData)
```

```
    time.sleep (3)
```

```
    myData={'name': 'Train1', 'lat': 17.6132382, 'lon': 78.4707318}
```

```
    pub (myData)
```

```
    time.sleep (3)
```

```
    client.commandCallback = myCommandCallback
```



```
client.disconnect ()
```

