

## CODE:

```
import wiotp.sdk.device

import time
import random

myConfig={
    "identity": {
        "orgId": "xliotr",
        "typeId": "abcd",
        "deviceId": "12"
    },
    "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': 'TrainI', 'lat': 17.6340889, lon': 78.4745052)
pub (myData)
time.sleep(3)
myData={'name': 'TrainI', 'lat': 17.6248626, 'lon': 78.4720259)
pub (myData)
time.sleep (3)
myData={'name': 'TrainI', '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()
```