

GPS TRACKER

Project name	Smart Solution For Railways
Team ID	PNT2022TMID39059

```
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 ()
```