

## Python code:

```
import json
import wiotp.sdk.device
import time
import ibmiotf.application
import ibmiotf.device

myConfig = {
    "identity": {
        "orgId": "g7fr6z",
        "typeId": "Testdeviceype",
        "deviceId": "12345"
    },
    "auth": {
        "token": "67200020"
    }
}

def myCommandCallback(cmd):
    print("Command received: %s" % cmd.data['command'])
    status=cmd.data['command']
    if status=="locationon":
        print ("location is on")
    elif status == "locationoff":
        print ("location is off")
    else :
        print ("please send proper command")

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

while True:
    name= "Viji"
    #in area location

    #latitude= 17.4225176
    #longitude= 78.5458842

    #out area location
```

```
latitude= 9.28
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(20)

client.commandCallback = myCommandCallback

client.disconnect()
```