

## TESTING

### The web UI by giving the required inputs

DATE	16 NOV 2022
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Team ID	PNT2022TMID44540
PROJECT NAME	SMART SOLUTIONS FOR RAILWAYS

ibm.py - C:/Users/pench/AppData/Local/Programs/Python/Python311/ibm.py (3.11.0)

File Edit Format Run Options Window Help

```
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
```

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```
DLE Shell 3.11.0*
Edit Shell Debug Options Window Help
Python 3.11.0 (main, Oct 24 2022, 18:26:48) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/pench/AppData/Local/Programs/Python/Python311/ibm.py =====
({'_id': '2022-11-11:02:15', '_rev': '1-7a3d34ee6373d51f8e754f8c5be5f038', 'Name': 'Fenchala lokesh', 'Age': 21, 'Mobile': 7032925924, 'Boarding': 'Vijayawada', 'Destination': 'Chennai', 'Seat': 2})
```