FINAL PYTHON CODE: TEAM ID: PNT2022TMID15034

```python
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "93eqjp",
        "typeId": "MyDeviceType",
        "deviceId":"12345"
    },
    "auth": {
        "token": "12345678"
    }
}

def myCommandCallback(cmd):
    print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
    m=cmd.data['command']
    if(m=="LIGHT ON"):
        print("*********////// LIGHTS ARE ON")
    else:
        print("*********////// LIGHTS ARE OFF")
```

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

client.connect()


while True:

    tur=random.randint(0,1000)

    ph=random.randint(1,14)

    myData={'turbidity':tur, 'Ph_Value':ph}

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

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

    client.commandCallback = myCommandCallback

    time.sleep(2)

client.disconnect()
```