

## FINAL PYTHON CODE:

```
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")
```

```
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()
```