

# PYTHON CODE:

```
#IBM Watson IOT Platform
```

```
#pip install wiotp-sdk
```

```
import wiotp.sdk.device
```

```
import time
```

```
import random
```

```
myConfig = {
```

```
    "identity": {
```

```
        "orgId": "iqqg0p",
```

```
        "typeId": "123",
```

```
        "deviceId": "199795"
```

```
    },
```

```
    "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()
```

```
while True:
```

```
    latitude=random.uniform(27.2046,125.25)
```

```
    longitude=random.uniform(77.4977,100.1526)
```

```
    binlevel=random.randint(10,100)
```

```
    if binlevel >= 90:
```

```
        myData={'latitude':latitude, 'longitude':longitude,'binlevel':binlevel}
```

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

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

```
        print("BIN IS FULL!!!!",myData) client.commandCallback =
```

```
myCommandCallback time.sleep(2)
```

else :

print("BIN IS IN NORMAL LEVEL")

time.sleep(2)

client.disconnect()

