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Python 3.7.9 Shell
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Python 3.7.9 (tags/v3.7.9:13c94747c7, Aug 17 2020, 16:30:00) [MSC v.1900 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
==================== RESTART: C:\Users\siva\Desktop\ibm.py ====================
2022-11-17 15:06:14,048   wiotp.sdk.device.client.DeviceClient   INFO   Connected successfully: d:059io2:smartwastemanagement:1234
BIN IS IN NORMAL LEVEL
BIN IS IN NORMAL LEVEL
!!!BIN IS FULL!!!  {'latitude': 40.091987524626894, 'longitude': 92.05143979171315, 'binlevel': 93, 'weight': 892.4031479430295}
BIN IS IN NORMAL LEVEL
BIN IS IN NORMAL LEVEL
!!!BIN IS FULL!!!  {'latitude': 99.97188205262343, 'longitude': 99.39438342083551, 'binlevel': 99, 'weight': 880.2974854898943}
```
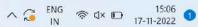
```python
import wiotp.sdk.device
import time
import random
myConfig = {
 "identity": {
 "orgId": "059io2",
 "typeId": "smartwastemanagement",
 "deviceId":"1234"
 },
 "auth": {
 "token": "12345678"
 }
}
def myCommandCallback(cmd):
    print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
    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)
    weight=random.uniform(500,1000)

    if binlevel >= 90:
        myData={'latitude':latitude, 'longitude':longitude,'binlevel':binlevel,'weight':weight}
        client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0,
                            onPublish=None)

        print("!!!BIN IS FULL!!! ",myData)
        client.commandCallback = myCommandCallback
        time.sleep(4)
    else :
        print("BIN IS IN NORMAL LEVEL")
        time.sleep(4)

client.disconnect()
```