Source Code:

Python:

```python
import wiotp.sdk.device

import time

import random

myConfig = {
    "identity": {
        "orgId": "b31tni",
        "typeId": "print1",
        "deviceId":"printid"
    },
    "auth": {
        "token": "z?7tcRfcekcO08R6f2"
    }
}


def myCommandCallback(cmd):
    print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
    m=cmd.data['command']
```

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


while True:
    o2=random.randint(25,100)
    def my_function():
        othergas=random.randint(2,100)
        time.sleep(20)
        return othergas
    othergas=my_function()
    temp=random.randint(0,100)
    humidity=random.randint(0,100)
    limit=50
    if(othergas >= limit):
        myData = { 'Alert': "Alert the gas is
leaked",'othergas':othergas}
    else:
        myData={'oxygen':o2, 'othergas':othergas,
'temperture':temp,'humidity':humidity}
    client.publishEvent(eventId="Gas Sensor",
msgFormat="json", data=myData, qos=0, onPublish=None)
    print("Published data Successfully: %s", myData)
```

```
    client.commandCallback = myCommandCallback

    time.sleep(15)

client.disconnect()
```