

Final code

```
import wiotp.sdk.device
import time
import os
import datetime
import random
myConfig = {
    "identity": {
        "orgId": " pnio5a ",
        "typeId": " sathya3918",
        "deviceId": " DESKTOP-00UA02Q "
    },
    "auth": {
        "token": " YextM2&ad@DfYXP_u- "
    }
}
client =
wiotp.sdk.device.DeviceClient(config=myConfig,logHandlers=None)
client.connect ()
def myCommandCallback (cmd) :
    print("Message received from IBM IoT Platform: %s"
    %cmd.data['command'])
    m=cmd.data['command']
```

```
if (m=="motoron"):
    print("Motor is switchedon")
elif (m=="motoroff"):
    print ("Motor is switchedOFF")
print (" ")
while True:
    moist =random.randint (0,100)
    temp=random.randint (-20, 125)
    hum=random.randint (0, 100)

    myData={'moisture':moist,'temperature':temp,'humidity':hum}
    client.publishEvent (eventId="status",
    msgFormat="json", data=myData, qos=0 , onPublish=None)
    print ("Published data Successfully: %s",myData)
    time.sleep (2)
    client.commandCallback =myCommandCallback
    client.disconnect ()
```