DEVELOP A PYTHON SCRIPT TO PUBLISH AND SUBSCRIBE TO IBM IOT PLATFORM

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PROJECT NAME	Smart Farmer - IoT Enabled Smart Farming Application
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```python
import wiotp.sdk.device
import time import os
import          random
myconfig = {
    "identity": {
        "orgId":"3lnltf",
        "typeId":"NodeMCU",
        "deviceId":"12345"
    },
    "auth":{
        "token":"12345678"
    } }
client = wiotp.sdk.device.DeviceClient(config=myconfig,
logHandlers=None)
client.connect()

def myCommandCallback(cmd):
    print("Messure recived from IBM ToT Platform: %s" %
cmd.data['command'])
    m=cmd.data['command'] if(m=="Motor
    is switched on"): print("Motoris
```

```python
            switched on") elif(m=="motoroff"):
    print("Motor is switched OFF")
        print("")
while                               True:
    soil=random.randint(22,    100)
    temp=random.randint(-20, 125)
    hum=random.randint(0, 100)
    myData={'soil_moisture':soil,
'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()
```