Task–DevelopaPythonScript

import wiotp.sdk.deviceimporttime

importosimport datetimeimport randommyConfig={

"identity":{"orgId":"rfmj6w",

"typeId": "abcd","deviceId":"1234"

},

"auth":"token"{

"token":"87654321"

}

}

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

defmyCommandCallback(cmd):

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

if(m=="motoron"):

print ("Motor is switched on")elif(m=="motoroff"):

print ("Motor is switched OFF")print("")

while True:soil=random.randint(0,100)

temp=random.randint(-20,125)

hum=random.randint(0,100)

myData={'soilmoisture':soil,'temperature':temp,'humidity':hum}

client.publishEvent (eventId="status", msgFormat="json", data=myData, qos=0 , onPublish=None)print("PublisheddataSuccessfully: %s", myData)

time.sleep(2)

client.commandCallback = myCommandCallbackclient.disconnect()