```
import
time
          import os
          import datetime
          import random
          myConfig = {
          "identity": {
          "orgId": "u9qhfi",
          "typeId": "Devicetypel",
          "deviceId": "DeviceID1"
          },
          "auth": {
          "token": ")hSb7_ZD+evl2fRhXi"
          } }
          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 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={'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 ()
```