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\par
\b\fs32 Team id : PNT2022TMID51325\par
Project name : Smart farmer iot app\par
Code :\b0\fs24\par
import wiotp.sdk.device\par
import time\par
import random\par
myConfig = {\par
"identity": {\par
"orgId": "m5ttid",\par
"typeId": "k3",\par
"deviceId": "123456"\par
\par
\},\par
"auth": {\par
"token": "12345678"\par
\}\par
\}\par
client = wiotp.sdk.device.DeviceClient (config=myConfig,\par
logHandlers=None)\par
client.connect ()\par
def myCommandCallback (cmd) :\par
    print ("Message received from IBM IoT Platform: %s" %\par
    cmd.data['command'])\par
    m=cmd.data['command']\par
    if (m=="motoron"):\par
        print ("Motor is switched on")\par
    elif (m=="motoroff"):\par
        print ("Motor is switched OFF")\par
    print (" ")\par
while True:\par
    moist=random.randint (0,100)\par
    temp=random.randint (-20, 125)\par
    hum=random.randint (0, 100)\par
    myData={\soilmoisture':moist, 'temperature':temp, 'humidity':hum}\}\par
    client.publishEvent (eventId="status", msgFormat="json",\par
    data=myData, qos=0 , onPublish=None)\par
    print ("Published data Successfully: %s", myData)\par
    time.sleep (2)\par
    client.commandCallback = myCommandCallback\par
client.disconnect()\par

```