TEAM ID	PNT2022TMID11072
TITLE	CREATE A PYTHON SCRIPT
TEAM LEADER	SANOFER S
REGISTER NUMBER	811519106124
DATE	18-11-2022

Task – Develop a Python Script

```
import wiotp.sdk.device

import time

 import os

 import datetime

import random

myConfig = {

"identity": {

"orgId": "hjSfmy",

 "typeId": "Devicelk",

"deviceId": "67890"

 },

 "auth": {

"token": "87654321"

 }

}

client = wiotp.sdk.device.DeviceClient (config=myConfig,

logHandlers=None)
```

```python
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 = myCommandCallbackclient.disconnect ()
```