PYTHON CODE

TEAM ID	PNT2022TMID08036
PROJECT NAME	SmartFarmer - IoT Enabled Smart Farming Application

```python
import wiotp.sdk.device
import time
import os
import datetime
import random
myConfig = {
    "identity" : {
        "orgId" : "hj5fmy",
        "typeId": "Device1",
        "deviceId": "67890"
    },
    "auth": {
        "token": "87654321"
    }
}
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)
    print("Published data Successfully: %s", myData)
    time.sleep(2)
    client.commandCallback = myCommandCallback
client.disconnect()
```