Develop Python Script

Team ID	PNT2022TMID30026
Project Name	IOT based Smart crop Protection System for agriculture

```python
import

wiotp.sdk.device

import time

import

random

myConfig =

{

    "identity": {

        "orgId":

        "cpeq2u",

        "typeId":

        "testdevice",

        "deviceId":"0820

        01"

    },

    "auth": {
```

```python
    "token": "8))+idxmB_q2PM@uvP"

  }

}

def myCommandCallback(cmd):

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

  m=cmd.data['command']

  if (m=="LIGHT ON"):

    print("light are
  on")
  elif(m=="LIGHT
  OFF"):

    print("lights
  off ")else:

    print("something wrong")


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

```python
client.connect()
while True:
    temp=random.randint(-20,125)

    hum=random.randint(0,100)

    myData={'temperature':temp,

    'humidity':hum}

    client.publishEvent(eventId="status", msgFormat="json", data=myData,

    qos=0, onPublish=None)print("Published data Successfully: %s", myData)

    client.commandCallback =

    myCommandCallbacktime.sleep(2)

client.disconnect()
```