PYTHON SCRIPT DEVELOPING

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TEAM ID	PNT2022TMID28572
PROJECT TITLE	Hazardous area monitoring for industrial power plant powered by IoT

PYTHON SCRIPT:

```python
#connecting the python to IBM watson IoT platform
import wiotp.sdk.device
import time
import random
myconfig = {
    "identity":{
        "orgId":"ph99dh",
        "typeId":"NodeMCU",
        "deviceId":"123456"
        },
    "auth":{
        "token":"gkfpv_xfl1FB1)*fvy"
        }
    }
def myCommandCallback(cmd):
    print("Message received from IBM IoT platform: %s" % cmd.data['command'])
    m=cmd.data['command']

client = wiotp.sdk.device.DeviceClient(config=myconfig, logHandlers=None)
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 =myCommandCallback
    time.sleep(2)
client.disconnect()
```