Develop the Python Script

(Develop a Python script)

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Project Name	Industry-specific intelligent fire management system

Develop a python code for publishing random sensor data (Fire, Temperature if required humidity) to the IBM IoT Platform.

```
import json
import wiotp.sdk.device
import time
import random
import ibmiotf.application
import ibmiotf.device

myConfig = {
    "identity": {
        "orgId": "g0nfyw",
        "typeId": "Node",
        "deviceId":"1234"
    },
    "auth": {
        "token": "012345678"
    }
}
def myCommandCallback(cmd):
    print("Command received: %s" % cmd.data['command'])
    status=cmd.data['command']
    if status=="fanon":
        print ("fan is on")
    elif status == "fanoff":
        print ("fan is off")
    else :
        print ("please send proper 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: ", myData)
    time.sleep(20)
```

```
    client.commandCallback = myCommandCallback

client.disconnect()
```