

TEAM ID : PNT2022TMID12796

PROJECT TITLE : Industry-Specific Intelligent Fire Management System

Python code

```
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```

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```

```
#IBM Watson IOT platform
```

```
#pip install wiotp-sdk
```

```
import wiotp.sdk.device
```

```
import time
```

```
import random
```

```
myConfig={
```

```
    "identity": {
```

```
        "orgId":"86ykjn",
```

```
        "typeId":"lot_python",
```

```
        "deviceId":"4702"
```

```
    },
```

```
    "auth": {
```

```
        "token":"&UA!cNgGrBoj+T+_KA"
```

```
    }
```

```
}
```

```
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,on  
Publish=None)
```

```
print("Published data Successfully: %s", mydata)
```

```
client.commandCallback=myCommandCallback
```

```
time.sleep(2)
```

```
client.disconnect()
```