TEAM ID : PNT2022TMID12767

PROJECT TITLE : Industry-Specific Intelligent Fire Management System

<u>Python Code</u>

```python
#IBM Watson IOT platform

import wiotp.sdk.device

import time

import random

myConfig={

    "identity": {

        "orgId":"sg5c1o",

        "typeId":"xyz",

        "deviceId":"5678"

        },

    "auth": {

        "token":""

        }

    }

def myCommandCallback(cmd):

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

```python
        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()
```