DEVELOP A PYTHON SCRIPT (PUBLISH DATA TO IBM CLOUD)

DATE	17 NOVEMBER 2022
TEAM ID	PNT2022TMID00837
PROJECT NAME	INDUSTRY-SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM
MAXIMUM MARKS	4 MARKS

PROGRAM:

```
#IBM Watson IOT Platform

#pip install wiotp-sdk

import wiotp.sdk.device

import time import

random

myConfig = {
    "identity": {
        "orgId": "kojkab",
        "typeId": "1234",
        "deviceId":"lee123"
    },
    "auth": {
        "token": "987456321"
    }
}
```

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()







