DEVELOP A PYTHON SCRIPT (PUBLISH DATA TO IBM CLOUD)

DATE	18 NOVEMBER 2022
TEAM ID	PNT2022TMID28844
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": {
        "orgld": "kojkab",
        "typeld": "1234",
        "deviceld":"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()
```



