# DEVELOP A PYTHON SCRIPT

**(PUBLISH DATA TO IBM CLOUD)**

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| DATE | 16 NOVEMBER 2022 |
| TEAM ID | PNT2022TMID20427 |
| 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()







