

DEVELOPE A PYTHON SCRIPT

Team ID	PNT2022TMID22101
Project Name	Project – SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY
Maximum Marks	4 Marks

```
#IBM Watson IOT Platform

#pip install wiotp-sdk

import wiotp.sdk.device

import time

import random

myConfig = {

    "identity": {

        "orgId": "4gh14s ",

        "typeId": "ESP32",

        "deviceId": "1234"

    },

    "auth": {

        "token": "5xp6Zc74hThvClqyOY "

    }

}

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()
```