Develop the Python Script

**(Develop a Python script)**

|  |  |
| --- | --- |
| Team ID | **PNT2022TMID11798** |
| Project Name | Industry specific intelligent fire management system |

**Develop a python code for publishing random sensor data (Fire, Temperature if required humidity) to the IBM IoT Platform.**

import wiotp.sdk.device import time import random myConfig = {

"identity": {

"orgId": "0bm892",

"typeId": "NodeMcu", "deviceId":"1234"

},

"auth": {

"token": "12345678"

} } 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()