DEVELOP A PYTHON SCRIPT

Date	18 November 2022
Team ID	PNT2022TMID00837
Project Name	Industry-specific intelligent fire management system
Maximum Marks	8 Marks

PROGRAM

```
#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time import
random myConfig = {
  "identity": {
    "orgId": "hj5fmy",
    "typeId": "NodeMCU",
    "deviceId":"12345"
  },
  "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()
```