

# GAS LEAKAGE MONITORING AND ALERTING SYSTEM

<b>Team ID</b>	PNT2022TMID00091
<b>Project Name</b>	Gas leakage Monitoring &Alerting System For Industries.

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File Edit Selection View Go Run Terminal Help
ibm_watson.py - Desktop - Visual Studio Code

ibm_watson.py 1 x
ibm_watson.py > ...
1 #IBM Watson IOT Platform
2 #pip install wiotp-sdk
3 import wiotp_sdk.device
4 import time
5 import random
6 myConfig = {
7     "identity":{
8         "orgId":"70rpyf",
9         "typeId":"iot_device",
10        "device":"1234"
11    },
12    "auth":{
13        "token":"auth_1234"
14    }
15 }
16 def myCommandCallback(cmd):
17     print("Message Received from IBM IoT Platform: %s" %cmd.DATA['command'])
18     m=cmd.data['command']
19 client = wiotp_sdk.device.DeviceClient(config=myConfig,logHandlers=None)
20 client.connect()
21
22 while True:
23     gas=random.randint(0,100)
24     temp=random.randint(0,100)
25     hum=random.randint(0,100)

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Traceback (most recent call last):
(base) PS C:\Users\VAAXIM\Desktop> python ibm-watson.py
2022-11-19 20:12:34,091 ibmiotf.device.Client INFO Connected successfully: d:70rpyf:iot_device:1234
Published Temperature = 38 C Humidity = 7 % Gas = 90 % Pressure = 14 % to IBM Watson
Published Temperature = 89 C Humidity = 4 % Gas = 11 % Pressure = 86 % to IBM Watson
Published Temperature = 21 C Humidity = 67 % Gas = 28 % Pressure = 61 % to IBM Watson
Published Temperature = 97 C Humidity = 5 % Gas = 81 % Pressure = 72 % to IBM Watson
Published Temperature = 95 C Humidity = 8 % Gas = 85 % Pressure = 49 % to IBM Watson
Published Temperature = 32 C Humidity = 24 % Gas = 0 % Pressure = 98 % to IBM Watson
Published Temperature = 18 C Humidity = 96 % Gas = 67 % Pressure = 96 % to IBM Watson
Published Temperature = 72 C Humidity = 31 % Gas = 36 % Pressure = 51 % to IBM Watson
Published Temperature = 65 C Humidity = 81 % Gas = 24 % Pressure = 65 % to IBM Watson
Published Temperature = 42 C Humidity = 79 % Gas = 15 % Pressure = 51 % to IBM Watson
Published Temperature = 43 C Humidity = 19 % Gas = 0 % Pressure = 79 % to IBM Watson
```