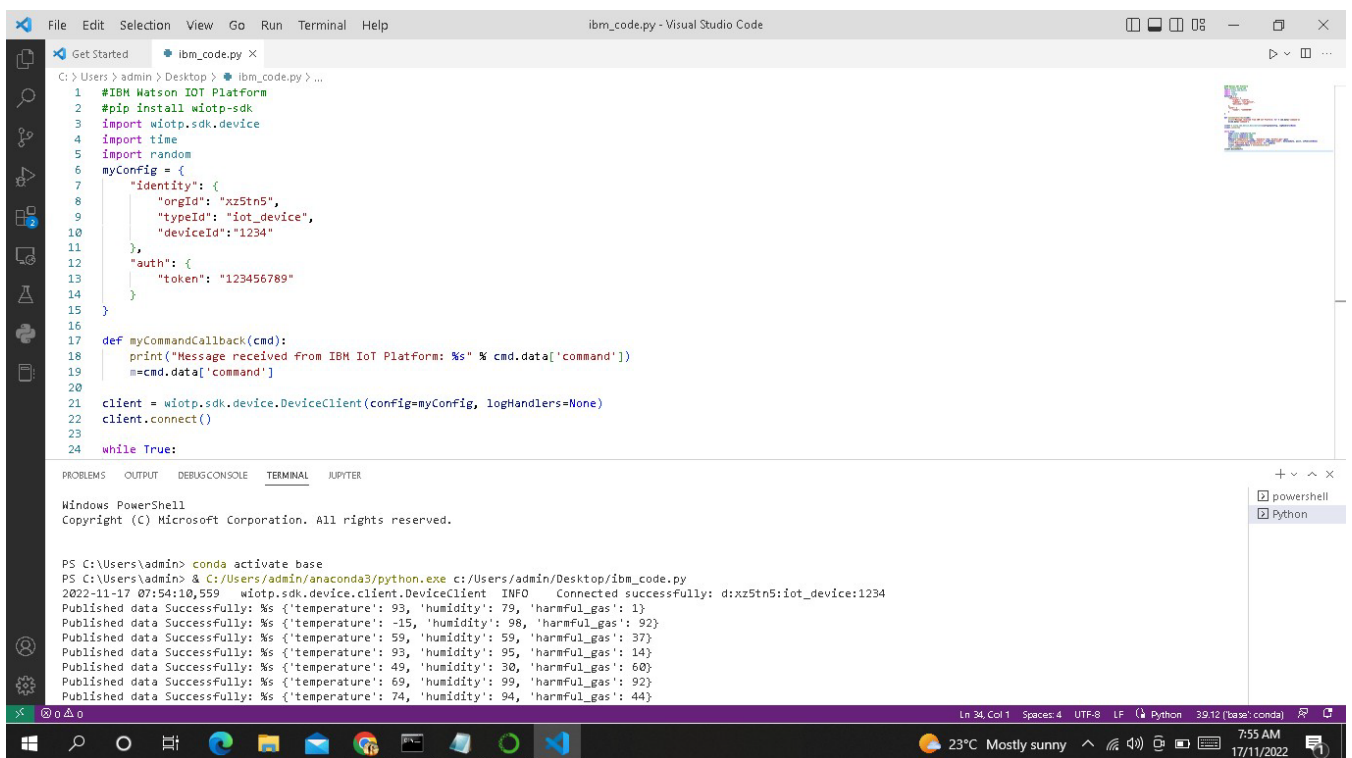


GAS LEAKAGE MONITORING AND ALERTING SYSTEM

DEVELOP THE PYTHON CODE

Date	19 November 2022
Team ID	PNT2022TMID54385
Project Name	Gas Leakage Monitoring and Alerting System for Industries



```
File Edit Selection View Go Run Terminal Help
ibm_code.py - Visual Studio Code

Get Started ibm_code.py X
C:\Users\admin\Desktop> ibm_code.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": "xz5tn5",
9         "typeId": "iot_device",
10        "deviceId": "1234"
11    },
12    "auth": {
13        "token": "123456789"
14    }
15 }
16
17 def myCommandCallback(cmd):
18     print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
19     ==cmd.data['command']
20
21 client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
22 client.connect()
23
24 while True:
```

PROBLEMS OUTPUT DEBUGCONSOLE TERMINAL JUPYTER

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

PS C:\Users\admin> conda activate base
PS C:\Users\admin> & C:/Users/admin/anaconda3/python.exe c:/Users/admin/Desktop/ibm_code.py
2022-11-17 07:54:10,559 wiotp.sdk.device.client.DeviceClient INFO Connected successfully: d:xz5tn5:iot_device:1234
Published data Successfully: %s {'temperature': 93, 'humidity': 79, 'harmful_gas': 1}
Published data Successfully: %s {'temperature': -15, 'humidity': 98, 'harmful_gas': 92}
Published data Successfully: %s {'temperature': 59, 'humidity': 59, 'harmful_gas': 37}
Published data Successfully: %s {'temperature': 93, 'humidity': 95, 'harmful_gas': 14}
Published data Successfully: %s {'temperature': 49, 'humidity': 30, 'harmful_gas': 60}
Published data Successfully: %s {'temperature': 69, 'humidity': 99, 'harmful_gas': 92}
Published data Successfully: %s {'temperature': 74, 'humidity': 94, 'harmful_gas': 44}

Ln 34, Col 1 Spaces: 4 UTF-8 LF Python 39.12 (base: conda)

23°C Mostly sunny 7:55 AM 17/11/2022