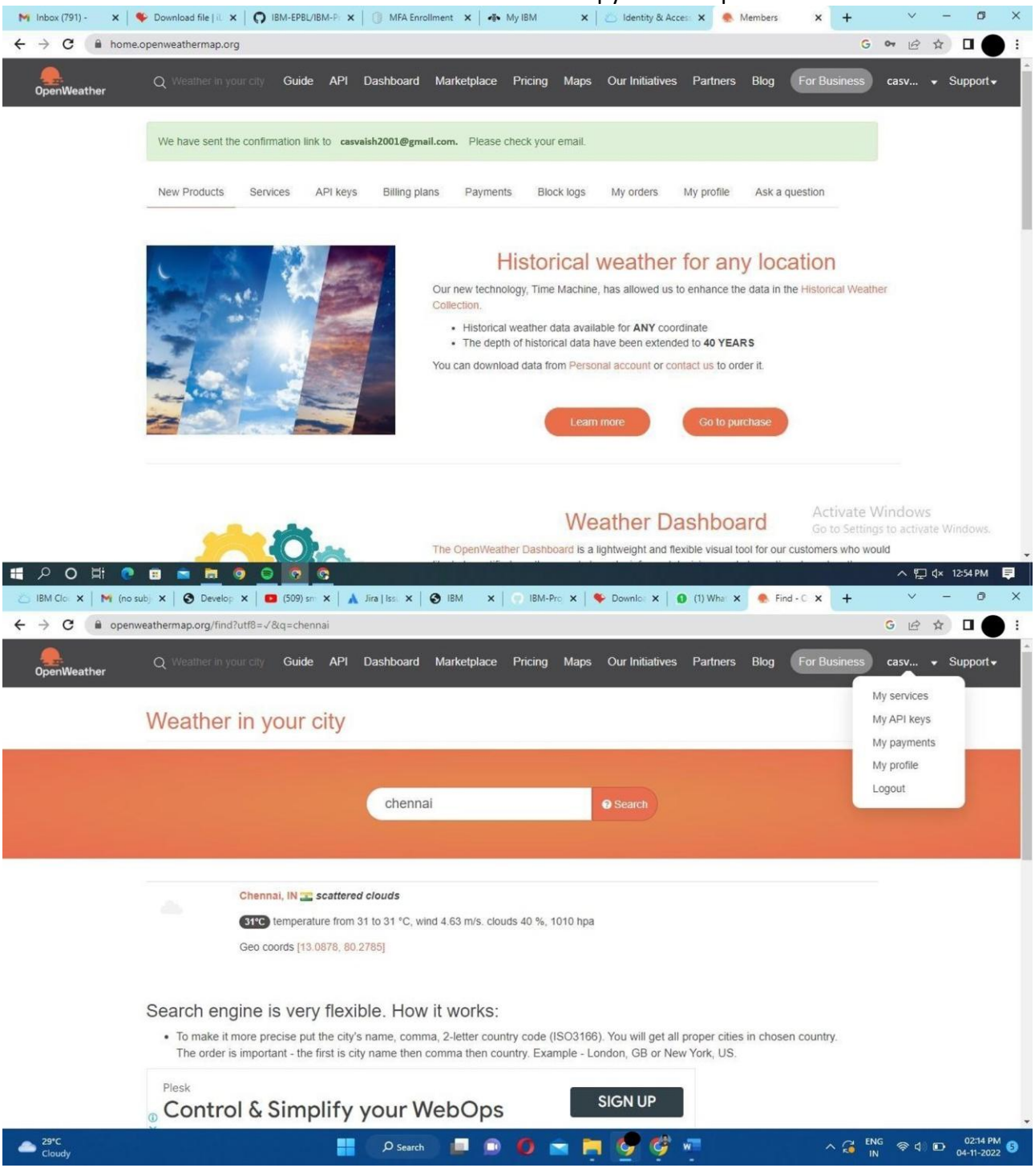
Develop a Python script

Date	05 November 2022
Team ID	PNT2022TMID44818
Project Name	Project – Smart solution for railways
Maximum Marks	4 Marks

Smart solution for railways

Create a code snippet using python to

1. Extract weather data from Open Weather Map using APIs
2. Send the extracted data to the cloud
3. Receive data from the cloud and view it in the python compiler



requests

```
a = " htt ps: 'lapi.open we athermap.org data  2.5'we at her?q  = Chen  na i, IN& ap pid =6d13d12f9cd34a07071 a579 5d01e2c47"
r = requests.get(us = a)
data = r.json()
print(r)
print(data)
temp = data{"main"]["temp"]
hum = data{"main"]{"humidity"]
pnnt("Temperature is : ",temp)
pnnt("Humidity is : ",hum)
```

```
File  Edit  Shell  Debug  Options  Window  Help
<Response {200]»                                                    "
Temperature is : 298.14
s>>
========== RESTART: E:/à BM/preMeatherMap.py ==========

< Res ponse {200]»
{'coord': {'Toni 80.2785, 'Path 'I3.0878}, 'weather': [{'ids 701, 'main': 'Mist', 'descnption':
'mist', 'icon': '5On'}, {'ids TOO, 'main': 'Rain', 'descn ption  'Tight rain', 'icons 'JOn'}], 'bas
e': 'stations', 'mains {'tempt 298.14, 'feels liked 299.15, 'tern p min': 298.14, 'tern p ma
z 298.14, 'pressured 'IO't2, 'humidity': 94}, 'visibility': 2TOO, 'wind': {'speed': 'I.54, 'deg
  350}, 'rains {'1h': 0.12}, 'clouds  {'aTT': 75}, 'dt': 'I6673174 'I6, 'sys': {'type': 1, 'id': 92 8,
'country': ' !N', 'sunnse  166726275 'I , 'sunsets ñ 667304738}, 'timezone': 19800, 'ids 1
264527, 'name': 'Chennai', 'cod': 200}
Mem perature is :  298.14
Humidity is :  94
```