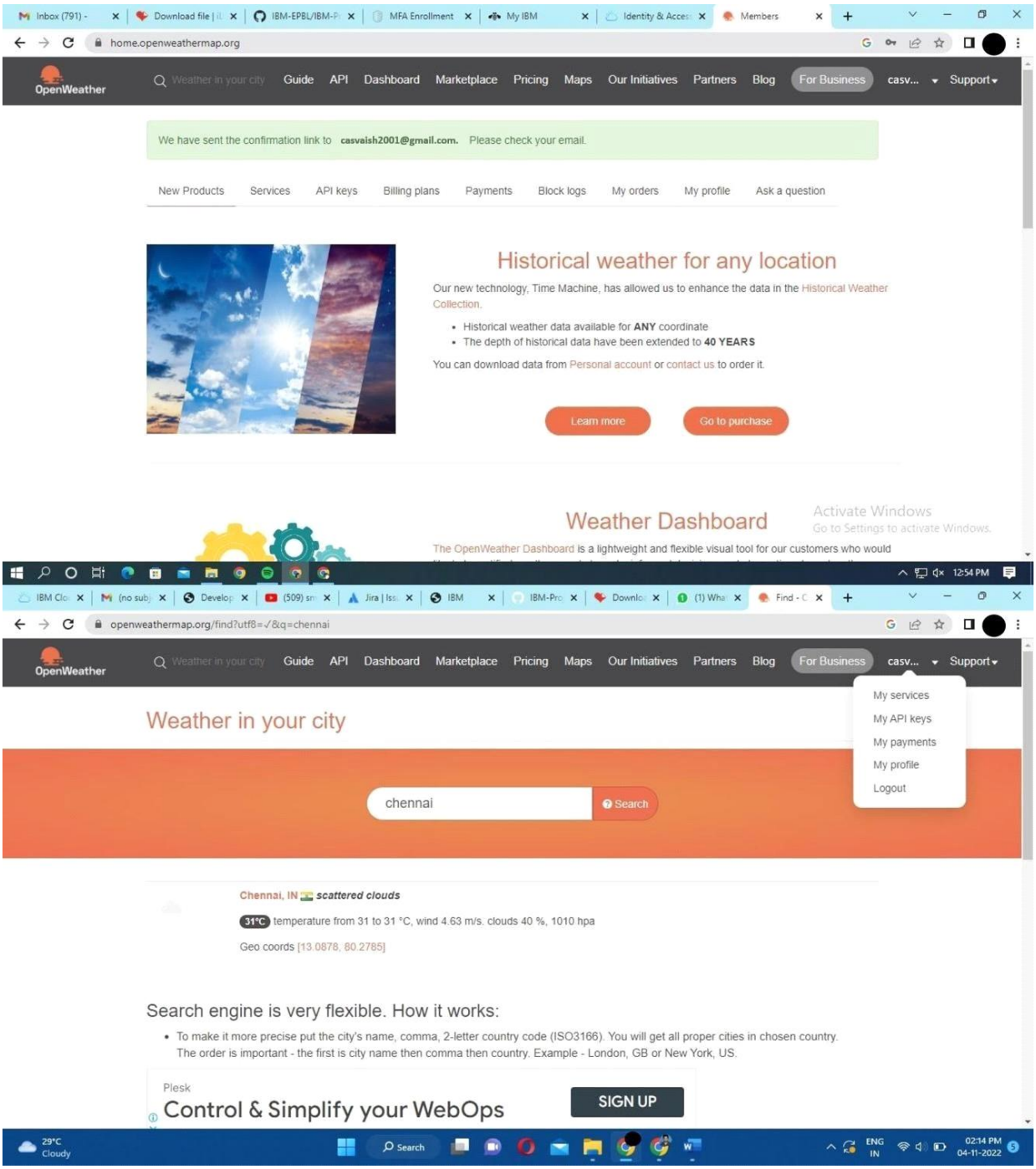
Develop a Python script

Date	05 November 2022
Team ID	PNT2022TMID44114
Project Name	Project – Smart solution for railways
Maximum Marks	4 Marks

Smart solution for railways

Create a code snippet using python to

- Extract weather data from Open Weather Map using APIs
- Send the extracted data to the cloud
- 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()
File  Edit  Shell  Debug  Options  Window  Helpprint(r) print(data)


temp = data{"main"]["temp"] hum  =  data{"main"]{"humidity"]pnnt("Temperature  is  :  ",temp) pnnt("Humidity is  : ",hum)
```

<Response {200]»

“

```
Temperature is : 298.14s>>
========== RESTART: E:/á 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', 'descnption 'Tight rain', 'icons 'JOn'}], 'bas e': 'stations', 'mains {'tempt
298.14, 'feels liked 299.15, 'ternp min': 298.1 4, 'ternp ma z 298.14, 'pressured 'IO't 2, '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': ' T N', 'sunnse 166726275 'I , 'sunsets ñ 667304738}, 'timezone': 19800, 'ids 1 264527, 'name': 'Chennai', 'cod':
200}
Memperature is : 298.14Humidity is : 94
```