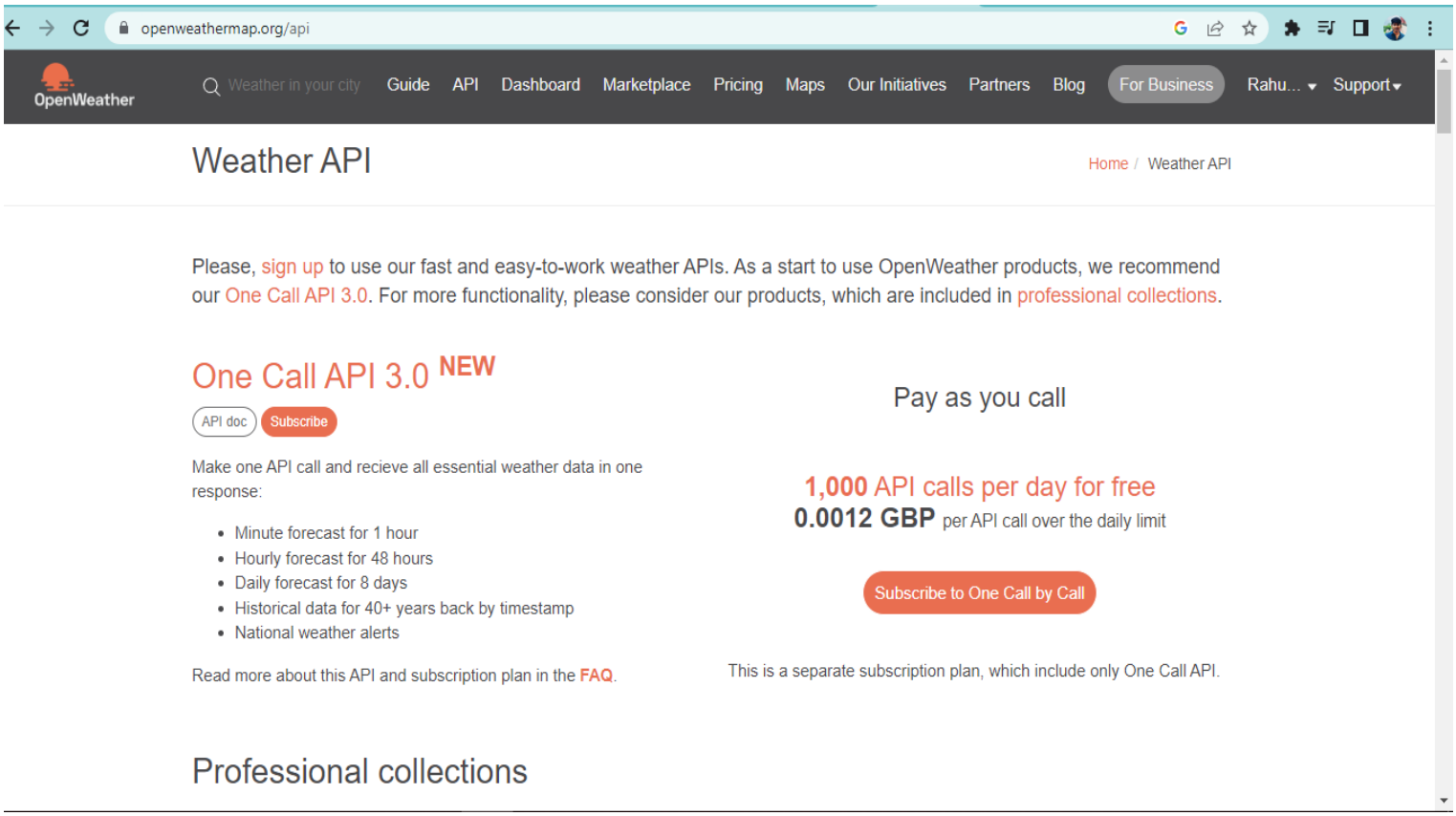
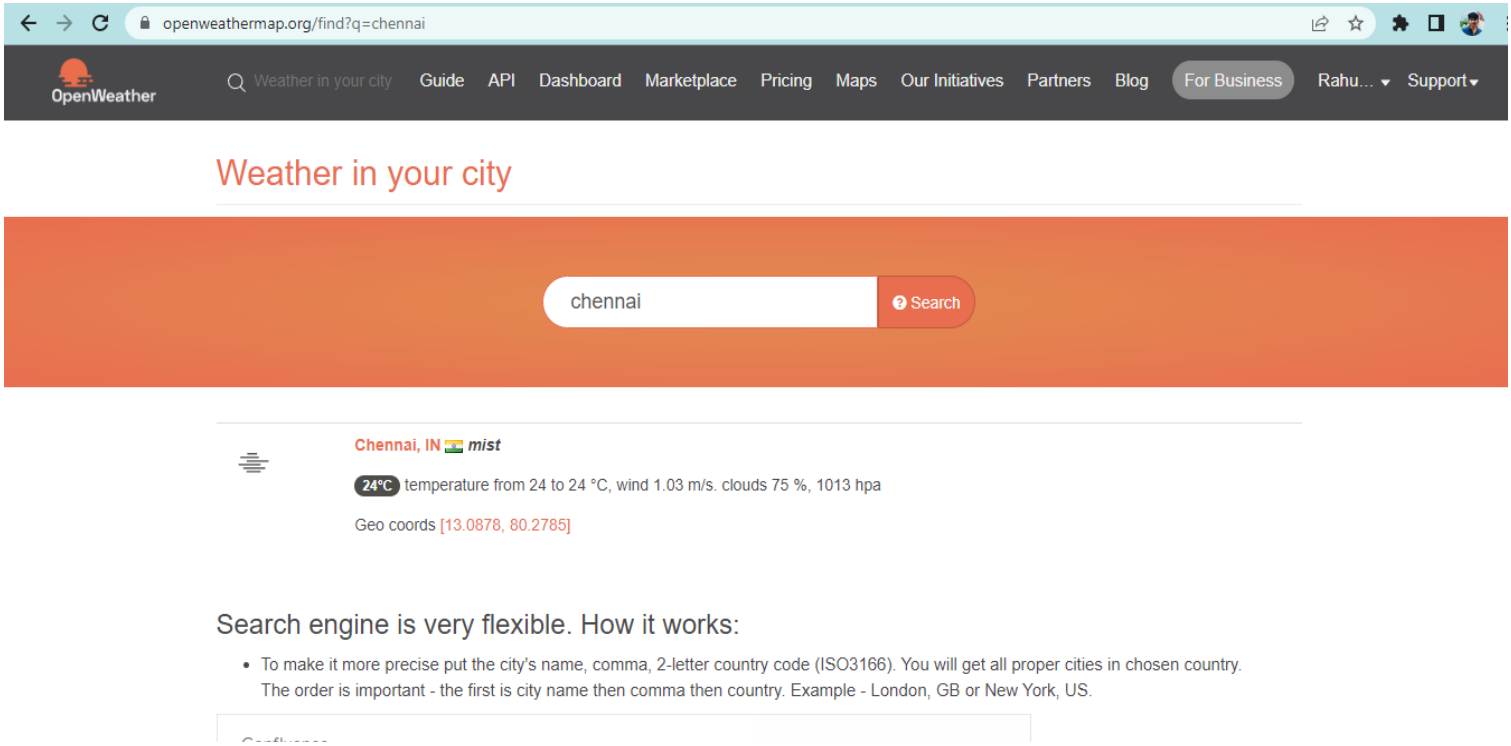
Develop a python Script

Date	10 September 2022
Team ID	PNT2022TMID17080
Project Name	Project - Signs with smart connectivity for Better road safety
Maximum Marks	4 Marks

Create a code snippet using python to

1. Extract weather data from OpenWeatherMap using APIs
2. Send the extracted data to the cloud
3. Receive data from the cloud and view it in the python compile

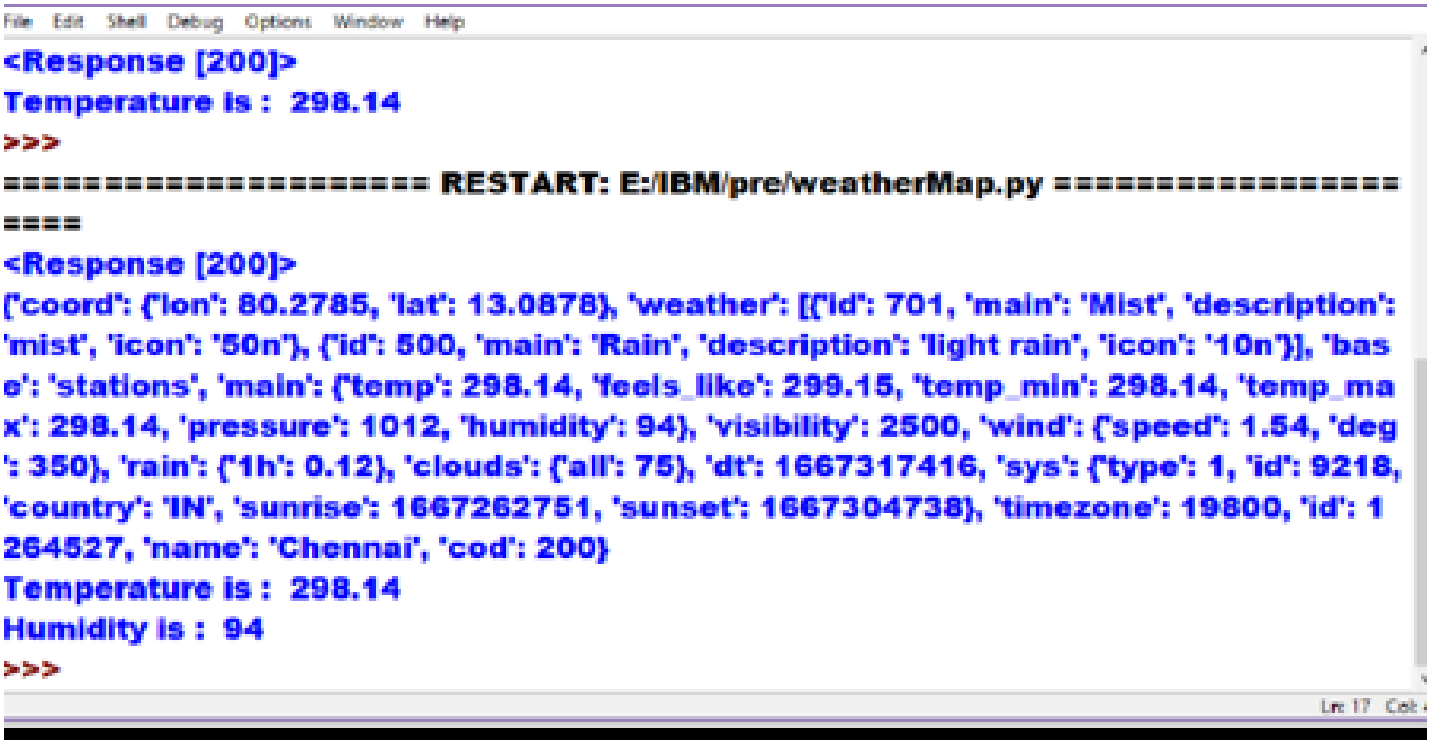




req.py - D:/suganya/S.RAHUL KUMAR/python/req.py (3.11.0)

File Edit Format Run Options Window Help

```
import requests

weather="https://api.openweathermap.org/data/2.5/weather?q-Chennai,IN&appid-d1301219cd34a078715795601e2c-47"

r=requests.get(url = weather)
data = r.json()

print(r)
print(data)

temp = data["main data"]["temperature"]

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


File Edit Shell Debug Options Window Help
<Response [200]>
Temperature is : 298.14
>>>
========== RESTART: E:/IBM/pre/weatherMap.py ==========
====
<Response [200]>
{'coord': {'lon': 80.2785, 'lat': 13.0878}, 'weather': [{'id': 701, 'main': 'Mist', 'description': 'mist', 'icon': '50n'}, {'id': 500, 'main': 'Rain', 'description': 'light rain', 'icon': '10n'}], 'base': 'stations', 'main': {'temp': 298.14, 'feels_like': 299.15, 'temp_min': 298.14, 'temp_max': 298.14, 'pressure': 1012, 'humidity': 94}, 'visibility': 2500, 'wind': {'speed': 1.54, 'deg': 350}, 'rain': {'1h': 0.12}, 'clouds': {'all': 75}, 'dt': 1667317416, 'sys': {'type': 1, 'id': 9218, 'country': 'IN', 'sunrise': 1667262751, 'sunset': 1667304738}, 'timezone': 19800, 'id': 1264527, 'name': 'Chennai', 'cod': 200}
Temperature is : 298.14
Humidity is : 94
>>>
Ln: 17 Col: