Develop the Python Script

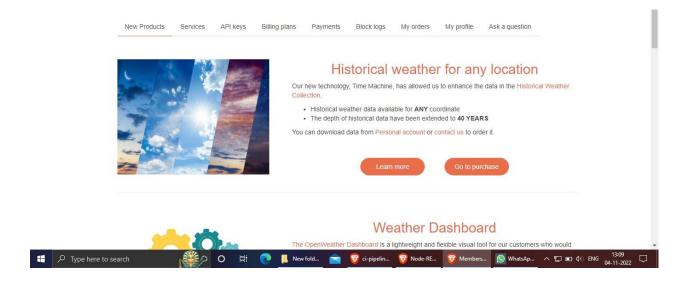
(Develop a Python script)

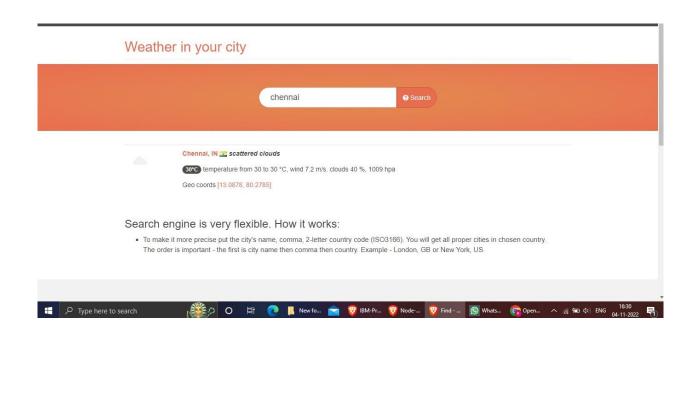
Date	17 November 2022
Team ID	PNT2022TMID15675
Project Name	Industry-specific intelligent fire management system
Maximum Marks	4 Marks

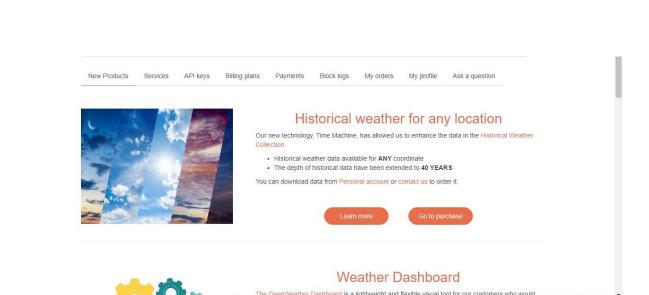
Industry-specific intelligent fire management system

Create a code snippet using python to

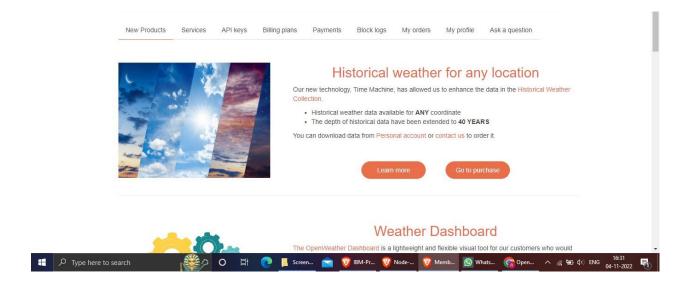
- 1. Extract weather data from OpenWeatherMap using APIs
- 2. Send the extracted data to the cloud
- 3. Receive data from the cloud and view it in the python compiler

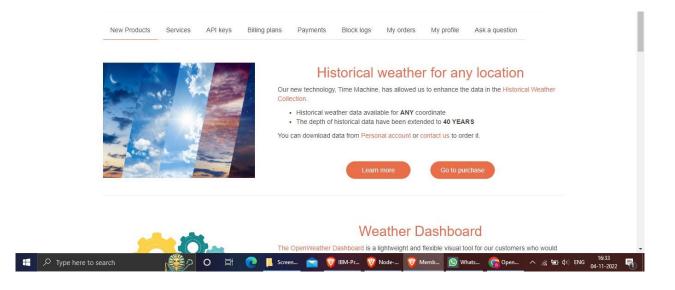






Type here to search





OUTPUT: weatherMap.py - E:/IBM/pre/weatherMap.py (3.6.5) File Edit Format Run Options Window Help - 0 × import requests a = "https://api.openweathermap.org/data/2.5/weather?q=Chennai,IN&appid=6d13d12f9cd34a07871a5795d01e2c47" r = requests.get(url = a) data = r.json() Python 3.6.5 Shell print(r) print(data) <Response [200]> temp = data["main"]["temp"] Temperature is: 298.14 hum = data["main"]["humidity"] print("Temperature is : ",temp) print("Humidity is: ",hum) ==== <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'}], 'bas e': 'stations', 'main': {'temp': 298.14, 'feels_like': 299.15, 'temp_min': 298.14, 'temp_ma x': 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': 1 264527, 'name': 'Chennal', 'cod': 200} Temperature is: 298.14 **Humidity is: 94** >>> Ln: 17 Col: 4

Ln: 10 Col: 26