

OPEN WEATHER API

```
# importing the required libraries
import requests

# Your OpenWeatherMap API key
API_KEY = "e957b675aa378a65c3d270d05cb3832b" # Replace with your real API key
BASE_URL = "http://api.openweathermap.org/data/2.5/weather?"

# Ask user for multiple cities (comma-separated)
cities_input = input("🔍🔍 Enter city names separated by commas (e.g., Mumbai, Delhi, Kolkata): ")
cities = [city.strip() for city in cities_input.split(",")]

# Loop through each city
for city_name in cities:
    print(f"\n🔍🔍 Getting weather for: {city_name}")
    url = f"{BASE_URL}appid={API_KEY}&q={city_name}&units=metric"
    response = requests.get(url)
    data = response.json()

    if data["cod"] == 200:
        temp = data["main"]["temp"]
        pressure = data["main"]["pressure"]
        humidity = data["main"]["humidity"]
        desc = data["weather"][0]["description"]
        wind = data["wind"]["speed"]

        print(f"✅ Weather Report for {city_name.title()}")
        print(f"🔍🔍 Description: {desc}")
        print(f"🔍🔍 Temperature: {temp}°C")
        print(f"🔍🔍 Wind Speed: {wind} m/s")
        print(f"🔍🔍 Humidity: {humidity}%")
        print(f"🔍🔍 Pressure: {pressure} hPa")
    elif data["cod"] == "404":
        print(f"❌ City '{city_name}' not found.")
    elif data["cod"] == "401":
        print(f"❌ Invalid API key.")
        break # No need to continue if the key is wrong
    else:
        print(f"⚠️ Error getting weather for {city_name}: {data.get('message', 'Unknown error')}")
```