

# Weather App

## Code:

```
import requests

def get_weather(city):

    # You need to get your own API key from OpenWeatherMap.org

    api_key = "your_api_key_here"

    # Base URL for OpenWeatherMap API

    base_url = "http://api.openweathermap.org/data/2.5/weather"

    # Parameters for the API request

    params = {

        'q': city,

        'appid': api_key,

        'units': 'metric'

    }

    # Sending a GET request to the API

    response = requests.get(base_url, params=params)

    data = response.json()

    # Check if city is found

    if data["cod"] != 200:
```

```
    print(f"Error: {data.get('message', 'City not found')}")

    return

# Extract and display weather data

city_name = data["name"]

country = data["sys"]["country"]

condition = data["weather"][0]["description"].title()

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

feels_like = data["main"]["feels_like"]

humidity = data["main"]["humidity"]

pressure = data["main"]["pressure"]

wind_speed = data["wind"]["speed"]


print(f"\nWeather Information for {city_name}, {country}:")

print(f"Condition    : {condition}")

print(f"Temperature    : {temperature} ° C")

print(f"Feels Like     : {feels_like} ° C")

print(f"Humidity       : {humidity}%")

print(f"Pressure       : {pressure} hPa")

print(f"Wind Speed     : {wind_speed} m/s")


if __name__ == "__main__":

    city_input = input("Enter the city name: ")

    get_weather(city_input)
```