

Student name: Breno Lopes Mafra

Student ID: 101485572

101485572_comp3123_labtest2 – Weather App (Screenshots)

1) GitHub Repository Link: https://github.com/BrenoMafra13/101485572_comp3123_labtest2

2) Postman Screenshot (Success)

The screenshot shows the Postman application interface. On the left, the sidebar displays collections, environments, history, and flows. The main area shows a collection named '101485572_comp3123_labtest2' with a sub-collection 'Cities_Weather'. A specific request 'GET Get City Weather' is selected. The request details show a GET method and a URL: <https://api.openweathermap.org/data/2.5/weather?q=Toronto&appid=0a10adc46976dbc8d0b4fcf5...>. The 'Params' tab is active, showing query parameters: q (value: Toronto), appid (value: 0a10adc46976dbc8d0b4fcf5...), and units (value: metric). Below the table, there are sections for Body, Headers, Scripts, Settings, and Cookies. The response section shows a status of 200 OK, a response time of 151 ms, and a body size of 835 B. The response body is displayed as JSON, showing detailed weather data for Toronto.

```
1 {  
2   "coord": {  
3     "lon": -79.4163,  
4     "lat": 43.7001  
5   },  
6   "weather": [  
7     {  
8       "id": 803,  
9       "main": "Clouds",  
10      "description": "broken clouds",  
11      "icon": "04d"  
12    },  
13  ],  
14  "base": "stations",  
15  "main": {  
16    "temp": 2.22,  
17    "feels_like": -4.78,  
18    "temp_min": 1.16,  
19    "temp_max": 3.2,  
20    "pressure": 1007,  
21    "humidity": 70,  
22    "sea_level": 1007,  
23    "grnd_level": 990  
24  },  
25  "visibility": 10000,  
26  "wind": {  
27    "speed": 14.4,  
28    "deg": 250,  
29    "gust": 19.55  
30  },  
31  "clouds": {  
32    "all": 75  
33  },  
34  "dt": 1764263758,  
35  "sys": {  
36    "type": 2,  
37    "id": 2099289,  
38    "country": "CA",  
39    "sunrise": 1764246438,  
40    "sunset": 1764279832  
41  },  
42  "timezone": -18000,  
43  "id": 6167865,  
44  "name": "Toronto",  
45  "cod": 200  
46 }
```

3) Postman Screenshot (Simulating Error)

The screenshot shows the Postman interface with a collection named "101485572_comp3123_labtest2". A GET request titled "Simulating Error" is selected. The URL is https://api.openweathermap.org/data/2.5/weather?q=bawsydfju... . The "Params" tab is active, showing query parameters: q (value: bawsydfju), appid (value: 0a10adc46976dbc8d0b4fcf5...), and units (value: metric). The "Body" tab shows a JSON response with a 404 Not Found error: {"cod": "404", "message": "city not found"}. The status bar at the bottom indicates a 404 Not Found error, 217 ms response time, and 364 B size.

4) Hosted app interface:

The screenshot shows a web browser window for the URL 101485572-comp3123-labtest2.vercel.app. The page displays student information: "Student Name: Breno Lopes Mafra" and "Student ID: 101485572". Below this, the title "Breno Weather App" is centered. A search form is present with a placeholder "Type a city name" and two buttons: a white "Search" button and a black "Search" button.

5) Hosted app interface working:

101485572-comp3123-labtest2.vercel.app

YouTube Maps Translate Spotify D2L - GBC Outlook GBC MY GBLearn cs50 Microsoft Azure GitHub All Bookmarks

Student Name: Breno Lopes Mafra

Student ID: 101485572

Breno Weather App

Search

Etobicoke, CA

2.27°C



light shower snow
Feels like: -4.73°C
Humidity: 70%
Wind: 13.89 m/s