

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 interface with a collection named "101485572_comp3123_labtest2". The active environment is "No environment". The request is a GET request to the URL "https://api.openweathermap.org/data/2.5/weather?q=Toronto&appid=0a10adc46976dbc8d0b4fcf5...". The request parameters are: q (Toronto), appid (0a10adc46976dbc8d0b4fcf5...), and units (metric). The response is a 200 OK status with a response time of 151 ms and a body size of 835 B. The response body is a JSON object representing weather data for Toronto.

Query Params

Key	Value	Description
q	Toronto	
appid	0a10adc46976dbc8d0b4fcf5...	
units	metric	

Body

```
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)

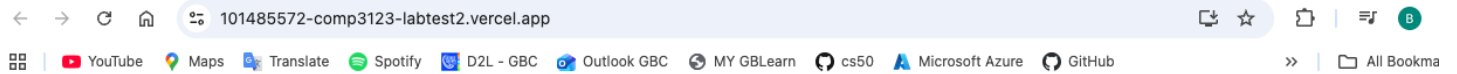
The screenshot shows the Postman interface with a collection named 'Cities_Weather' containing two requests: 'Get City Weather' and 'Simulating Error'. The 'Simulating Error' request is selected, showing a GET method to the URL 'https://api.openweathermap.org/data/2.5/weather?q=bawsydfju...'. The 'Params' tab is active, displaying query parameters: 'q' (bawsydfju), 'appid' (0a10adc46976dbc8d0b4fc5...), and 'units' (metric). The 'Body' tab shows a simulated response with a status of '404 Not Found', a response time of 217 ms, and a size of 364 B. The response body is JSON:

```
{  "cod": "404",  "message": "city not found"}
```

4) Hosted app interface:

The screenshot shows the hosted app interface for 'Breno Weather App'. The app displays the student's name 'Breno Lopes Mafra' and ID '101485572'. Below this, the title 'Breno Weather App' is shown in a large font. There is a search input field with the placeholder text 'Search' and a 'Search' button. Below the input field, the text 'Type a city name' is displayed.

5) Hosted app interface working:



Student Name: Breno Lopes Mafra

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Breno Weather App

Search

Etobicoke, CA

2.27°C



light shower snow

Feels like: -4.73°C

Humidity: 70%

Wind: 13.89 m/s