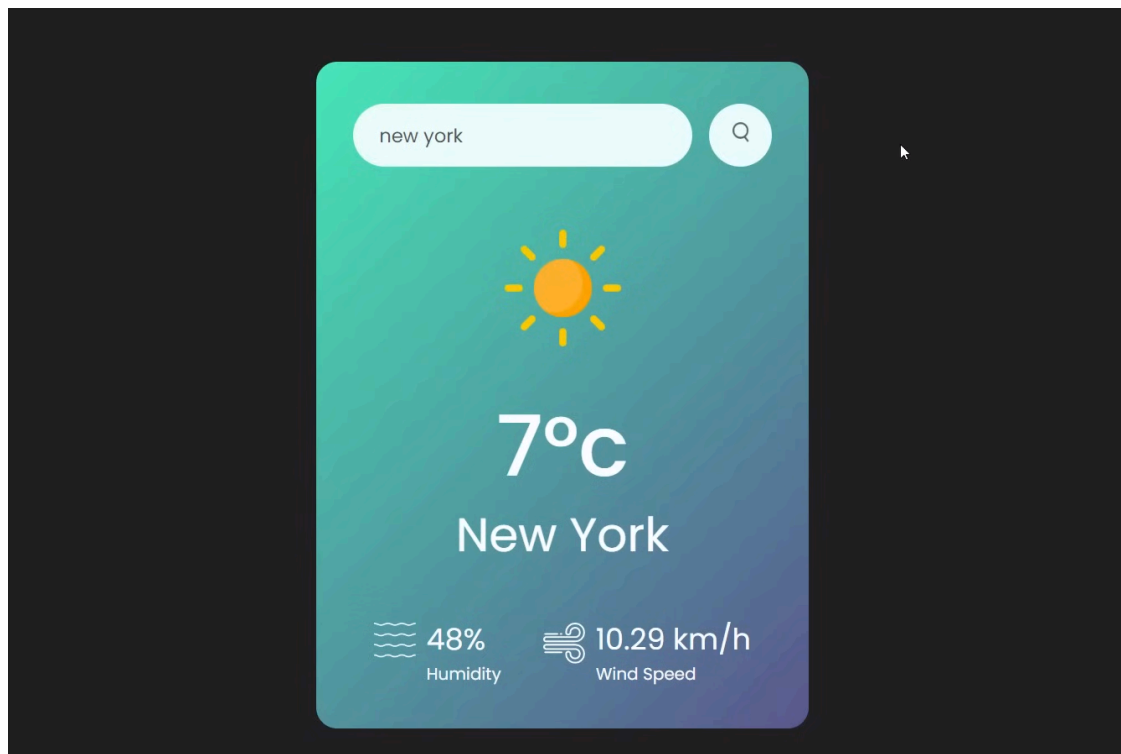
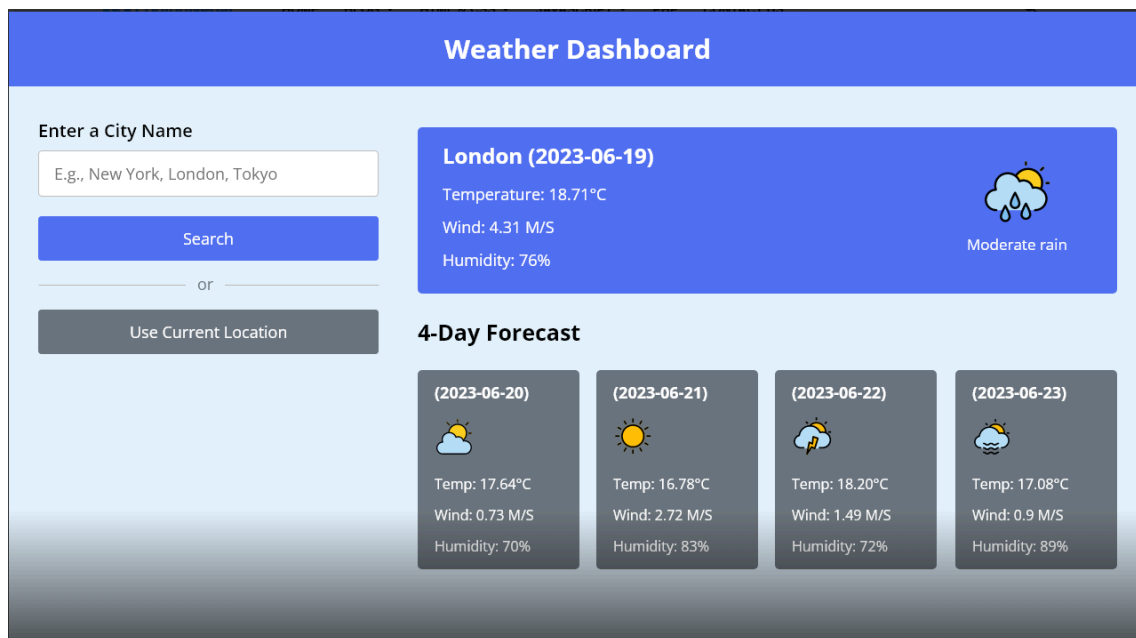


# WEATHER APP

Design 1



Design 2



**Note:** These designs are for insight. You can use/modify any if you want or find another.

## INSTRUCTION

**Description:** Create an app that allows users to enter the name of a city (eg: Kakata, Montserrado, etc) and display the temperature for the entered city.

1. Sign up for OpenWeatherMap API
  - Head over to the [OpenWeatherMap sign-up page](#) and create a free account.
  - Once you've created your account, navigate to your dashboard and generate an API key. You'll need this key to access weather data.
2. Create a project in your GitHub account called "weather-app"
3. Clone the project to your machine
4. Create the following files in the cloned directory: **index.html**, **style.css**, & **script.js** and link them. **Note:** Do not write html and css at this point
5. Once they are linked, head over to your js file and try to make the API call using **fetch**. Display the response in the console and also practice getting separate values from the JSON response
6. Design your app and dynamically change the data when a user searches
7. Test and make sure it's working
8. **Push** the project to GitHub, create a **GitHub page**, and share the link in the group

## OUTCOME

This project will help you achieve the following:

- Get more familiar with DOM manipulation
- Do more practice with EventListeners
- Understand how to read Documentations
- Send and receive data to APIs using Fetch
  - <https://www.freecodecamp.org/news/javascript-fetch-api-for-beginners/>
  - <https://www.geeksforgeeks.org/javascript-fetch-method/>
- Handle API responses and manipulate JSON Object
- Understand Function parameters
- Understand the different HTTP Methods
- Understand the asynchronous nature of JavaScript