INDEX.html

<!DOCTYPE *html*>

<html *lang*="en">

  <head>

    <meta *charset*="UTF-8" />

    <meta *http-equiv*="X-UA-Compatible" *content*="IE=edge" />

    <meta *name*="viewport" *content*="width=device-width, initial-scale=1.0" />

   <script *src*="https://cdn.jsdelivr.net/npm/axios/dist/axios.min.js"></script>

    <title>Weather App</title>

    <link

*href*="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"

*rel*="stylesheet"

*integrity*="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"

*crossorigin*="anonymous"

    />

    <link *rel*="preconnect" *href*="https://fonts.googleapis.com">

<link *rel*="preconnect" *href*="https://fonts.gstatic.com" *crossorigin*>

<link *href*="https://fonts.googleapis.com/css2?family=Oooh+Baby&family=Roboto:wght@300;400&display=swap" *rel*="stylesheet">

    <link *rel*="stylesheet" *href*="src/styles.css" *class*="css">

    <script *src*="https://kit.fontawesome.com/e00ce88901.js" *crossorigin*="anonymous"></script>

  </head>

  <body>

    <div *class*="container">

      <div *class*="app">

      <h1 *id*="welcome">Good Afternoon</h1>

      <form *id*="search-form">

        <input *type*="text" *placeholder*="Enter a city here..." *autofocus*="on" *autocomplete*="off" *id*="search-text-input" *class*="searchInput"/>

        <input *type*="submit" *value*="Search" *class*="searchButton"/>

        <span><button *id*="current-location-button">Current Location</button></span>

      </form>

    </br>

    <h2 *id*="searched-location"></h2>

    <div *class*="weather-right-now">

      <div *class*="row">

        <div *class*="col-4">

          <ul>

            <li *id*="date-today"> Sat 11 Dec</li>

            <li *id*="current-time"> 14:00</li>

          </ul>

        </div>

        <div *class*="col-1">

          <i *class*="fas fa-cloud-rain weather-symbol"></i>

        </div>

        <div *class*="col-4">

          <ul>

            <li>

              <span *id*="temperature-now">19</span>

              <span *class*="units">

                <a *href*="#" *id*="temperature-c">°C</a>

                |

                <a *href*="#" *id*="temperature-f">°F</a>

              </span>

                </li>

            <li *class*="description">description</li>

          </div>

      </div>

    </div>

  </br>

  <h5>Today</h5>

    <div *class*="today-breakdown">

    <div *class*="row">

      <div *class*=col-3 >

        Humidity

        <div *class*="row">

          <div *class*="col-12" *id*="humidity">

          %</div>

        </div>

      </div>

      <div *class*=col-3>

        Wind Speed

        <div *class*="row">

          <div *class*="col-12" *id*="wind-speed">

          <span>km/h</span></div>

        </div>

      </div>

      <div *class*=col-3>

        Sunrise

        <div *class*="row">

          <div *class*="col-12" *id*="sunrise">

          xxx</div>

        </div>

      </div>

      <div *class*=col-2>

        Sunset

        <div *class*="row">

          <div *class*="col-12" *id*="sunset">

          xxx</div>

        </div>

      </div>

    </div>

    </div>

<br />

    <h5>The Future</h5>

    <div *class*="the-future">

        <div *class*="row">

          <div *class*=col-2>Sunday

            <div *class*="row">

            <div *class*=col-12>4°C

            <i *class*="fas fa-bolt"></i> </div>

            </div>

          </div>

      <div *class*=col-2>Monday

        <div *class*=col-12>0°C

        <i *class*="far fa-snowflake"></i>

      </div>

      </div>

      <div *class*=col-2>Tuesday

        <div *class*=col-12> -1°C

        <i *class*="fas fa-cloud-rain"></i>

      </div>

      </div>

      <div *class*=col-2>Wednesday

       <div *class*=col-12>3°C

        <i *class*="fas fa-cloud-sun"></i>

      </div>

      </div>

      <div *class*=col-2>Thursday

       <div *class*=col-12>2°C

        <i *class*="fas fa-cloud-sun"></i>

      </div>

      </div>

      <div *class*=col-2>Friday

       <div *class*=col-12>0°C

        <i *class*="fas fa-cloud-rain"></i>

      </div>

      </div>

    </div>

   </div>

  </div>

    </div>

  </div>

  <p *class*="footer"> This project was coded by <span *class*="me">Mahri Stewart</span> and is <a *href*="https://github.com/MahriScot/Weather-App" *target*="\_blank" *class*="gitHubLink">open-sourced on GitHub</a> and <a *href*="https://xenodochial-einstein-d999ee.netlify.app" *target*="\_blank" *class*="netlifyLink">hosted on Netlify</a></p>

  <script *src*="src/index.js">

  </script>

  </body>

</html>

CSS

body {

  color: #323653;

  background: linear-gradient(to top, #fff1eb 0%, #ace0f9 100%);

  font-family: "Roboto", sans-serif;

  padding-top: 10px;

}

h1 {

  color: #323653;

  text-align: center;

}

button {

  border-radius: 5px;

  color: #323653;

  background-color: #cfffff;

  border: 1px solid #323653;

  transition: all 200ms ease-in-out;

}

button*:hover* {

  border-style: solid;

  cursor: pointer;

  color: #d9d7f1;

  background-color: #323653;

}

h2 {

  margin: 0 auto;

  color: #323653;

  padding: 0 0 10px;

}

li {

  list-style: none;

  margin: 0 auto;

}

h5 {

  margin: 0 auto;

  color: #323653;

  padding: 0 0 10px;

}

*.app* {

  border: 2px solid #323653;

  padding: 10px;

  border-radius: 10px;

  max-width: 600px;

  margin: 0 auto;

}

*.searchInput* {

  border-radius: 5px;

  border: 1px solid #323653;

  background-color: #eaf6f6;

  margin: 0 auto;

  padding: 5px;

  line-height: 18px;

}

*.searchButton* {

  background-color: #eaf6f6;

  border: 1px solid #323653;

  margin: 0 auto;

  padding: 5px;

  border-radius: 5px;

  color: #323653;

  transition: all 200ms ease-in-out;

  line-height: 18px;

}

*.searchButton:hover* {

  border-style: solid;

  cursor: pointer;

  color: #d9d7f1;

  background-color: #323653;

}

*.weather-right-now* {

  margin: 0 auto;

  padding: 0;

}

*.date-and-time* {

  text-align: left;

}

*.weather-symbol* {

  font-size: 50px;

}

*.today-breakdown* {

  color: #323653;

  text-align: center;

}

*.the-future* {

  color: #323653;

  text-align: center;

}

*.temperature* {

  font-size: 18px;

}

*.units* {

  font-size: 12px;

  vertical-align: super;

}

*.description* {

  font-size: 12px;

}

*.footer* {

  padding: 10px;

  text-align: center;

  font-size: 12px;

  font-family: "Roboto", sans-serif;

}

*.me* {

  color: #9c51e0;

}

JAVASCRIPT

let now = **new** *Date*();

let dateToday = document.querySelector("#date-today");

let timeNow = document.querySelector("#current-time");

let days = ["Sun", "Mon", "Tues", "Wed", "Thurs", "Fri", "Sat"];

let day = days[now.getDay()];

let date = now.getDate();

let months = [

  "Jan",

  "Feb",

  "March",

  "April",

  "May",

  "June",

  "July",

  "Aug",

  "Sept",

  "Oct",

  "Nov",

  "Dec",

];

let month = months[now.getMonth()];

let year = now.getFullYear();

let hours = now.getHours();

if (hours < 10) {

  hours = `0${hours}`;

}

let minutes = now.getMinutes();

if (minutes < 10) {

  minutes = `0${minutes}`;

}

dateToday.innerHTML = `${day} ${date} ${month} ${year}`;

timeNow.innerHTML = `${hours}:${minutes}`;

// \*\*\*\*\*\*\*end of MY location current date and time XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

function displayWeatherCondition(*response*) {

  document.querySelector("#searched-location").innerHTML = *response*.data.name;

  document.querySelector("#temperature-now").innerHTML = Math.round(

*response*.data.main.temp

  );

  document.querySelector("#humidity").innerHTML =

*response*.data.main.humidity + "%";

  document.querySelector("#wind-speed").innerHTML =

    Math.round(*response*.data.wind.speed) + "km/h";

  document.querySelector("#description").innerHTML =

*response*.data.weather[0].description;

}

function searchCity(*city*) {

  let apiKey = "1cea906f8f3ab268b1c4225a33a9637a";

  let apiUrl = `https://api.openweathermap.org/data/2.5/weather?q=${*city*}&appid=${apiKey}&units=metric`;

  axios.get(apiUrl).then(displayWeatherCondition);

}

function handleSubmit(*event*) {

*event*.preventDefault();

  let city = document.querySelector("#search-text-input").value;

  searchCity(city);

}

function searchLocation(*position*) {

  let apiKey = "1cea906f8f3ab268b1c4225a33a9637a";

  let apiUrl = `https://api.openweathermap.org/data/2.5/weather?lat=${position.coords.latitude}&lon=${position.coords.longitude}&appid=${apiKey}&units=metric`;

  axios.get(apiUrl).then(displayWeatherCondition);

}

function getCurrentLocation(*event*) {

  event.preventDefault();

  navigator.geolocation.getCurrentPosition(searchLocation);

}

function convertToFahrenheit(*event*) {

  event.preventDefault();

  let temperatureElement = document.querySelector("#temperature-now");

  temperatureElement.innerHTML = 66;

}

function convertToCelsius(*event*) {

  event.preventDefault();

  let temperatureElement = document.querySelector("#temperature-now");

  temperatureElement.innerHTML = 19;

}

let searchForm = document.querySelector("#search-form");

searchForm.addEventListener("submit", handleSubmit);

let currentLocationButton = document.querySelector("#current-location-button");

currentLocationButton.addEventListener("click", getCurrentLocation);

searchCity("Glasgow");