

```

<!DOCTYPE html>
<html lang="en">
  <head>
    <link
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css"
      rel="stylesheet"
      integrity="sha384-KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJJOZ"
      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=Signika+Negative:wght@300;400;500;600;700&display=swap"
      rel="stylesheet"
    />
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link rel="stylesheet" href="src/styles.css" />
    <script src="https://unpkg.com/axios@1.1.2/dist/axios.min.js"></script>
    <title>Weather app</title>
  </head>
  <body>
    <section class="vh-100">
      <div class="container py-5">
        <div class="row d-flex justify-content-center align-items-center h-100">
          <div class="col-md-9 col-lg-7 col-xl-5">
            <div class="card-header p-4">
              <div class="text-center m-0">
                <form id="city-form">
                  <input
                    type="city"
                    id="city-input"
                    placeholder="What city are you in?"
                  />
                  <input type="submit" value="Submit" />
                  <button id="current-location">Location</button>
                </form>
                <h2 class="date h1 mb-0" id="current-time">
                  <img alt="clock icon" data-bbox="278 825 295 842" /> </h2>
                <h1 class="location h2 mb-1" id="city-now">
                  Mount Union, Texas
                </h1>
                <p class="weatherdescription mb-1" id="description">

```

Partly Cloudy🌤️

</p>

<p class="display-1 mb-1" id="wrapper-temp">

80&deg;

<p class="units">

<a href="#" class="f-c" id="celcius-link">&deg; C </a>

|

<a href="#" class="f-c" id="fahrenheit-link"> &deg; F </a>

</p>

</p>

<span class="hum-percentage"

>Humidity:<strong id="humidity"> 80%</strong></span

>

<span class="mx-4">|</span>

<span class="d-percentage mb-1"

>Dew Point:<strong> 50&deg;</strong></span

>

<h5 class="mt-1">

<em class="tempfeeling"

>Feels Like: <strong id="temp-feeling">90&deg;</strong></em

>

</h5>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</section>

<script src="src/index.js"></script>

</body>

</html>

## CSS

```
h1,
h2,
h3,
h4 {
  text-align: center;
  font-family: cursive;
  color: black;
  font-size: 30px;
}

.col {
  flex: 0 0 0%;
  width: 50%;
  max-width: 50%;
  padding-right: calc(var(--bs-gutter-x) * 1.5);
  padding-left: calc(var(--bs-gutter-x) * 1.5);
  margin-top: (var(--bs-gutter-y) * 1.5);
}

card {
  align-items: center;
  background: rgb(173, 206, 206);
  position: fixed;
  display: flex;
  flex-direction: column;
  min-width: 10;
  height: var(--bs-card-height);
  color: black;
  border: var(--bs-card-border-width) solid var(--bs-card-border-color);
  border-radius: var(--bs-card-border-radius);
}

h4 {
  font-weight: 400;
  font-size: 25px;
}

body {
  background: rgb(173, 206, 206);
}

button {
  font-family: cursive;
  background-color: rgb(173, 206, 206);
  transition: cubic-bezier(0.075, 0.82, 0.165, 1);
}

currentPlaceButton {
  font-family: cursive;
  background-color: rgb(44, 104, 104);
}
```

```
    transition: cubic-bezier(0.075, 0.82, 0.165, 1);
  }
  .container {
    text-align: center;
    width: 50%;
    background: rgb(173, 206, 206);
  }

  .navbar bg-light {
    text-align: center;
    background: rgb(173, 206, 206);
  }

  .row {
    text-align: center;
  }
  div {
    display: block;
    margin: 0 auto;
    background: rgb(173, 206, 206);
  }
}
```

JS

```
let date = new Date();
let h2 = document.querySelector("h2");
let hours = date.getHours();
if (hours < 10) {
  hours = `0${hours}`;
}
let minutes = date.getMinutes();
if (minutes < 10) {
  minutes = `0${minutes}`;
}

let seconds = date.getSeconds();
let days = [
  "Monday",
  "Tuesday",
  "Wednesday",
  "Thursday",
  "Friday",
  "Saturday",
  "Sunday",
];
let day = days[date.getDay()];
h2.innerHTML = `${day} ${hours}:${minutes}:${seconds}`;

function displayWeather(response) {
  console.log(response);
  document.querySelector("#city-now").innerHTML = response.data.name;
  document.querySelector("#wrapper-temp").innerHTML = `${Math.round(
    response.data.main.temp
  )} °C`;

  document.querySelector("#description").innerHTML =
    response.data.weather[0].main;
  let localTemp = Math.round(response.data.main.temp);
  let temp = document.querySelector("#wrapper-temp");
  let localHumidity = response.data.main.humidity;
  let humidity = document.querySelector("#humidity");
  let tempFeeling = response.data.main.feels_like;
  let feeling = document.querySelector("#temp-feeling");
  temp.innerHTML = `${localTemp}`;
  humidity.innerHTML = `${localHumidity}`;
  feeling.innerHTML = `${tempFeeling}`;
}
```

```

function searchCity(city) {
  let apiKey = "7789dc8f4e6eb84990a7601af65a4d38";
  let apiUrl =
`https://api.openweathermap.org/data/2.5/weather?q=${city}&appid=${apiKey}&units=metric`;
  axios.get(apiUrl).then(displayWeather);
}

function handleSubmit(event) {
  event.preventDefault();
  let city = document.querySelector("#city-input").value;
  searchCity(city);
}

let form = document.querySelector("#city-form");
form.addEventListener("submit", handleSubmit);

function searchLocation(position) {
  let latitude = position.coords.latitude;
  let longitude = position.coords.longitude;
  let apiKey = "7789dc8f4e6eb84990a7601af65a4d38";
  let apiUrl =
`https://api.openweathermap.org/data/2.5/weather?lat=${latitude}&lon=${longitude}&appid=${apiKey}&units=metric`;

  axios.get(apiUrl).then(displayWeather);
}

function getCurrentPosition() {
  navigator.geolocation.getCurrentPosition(searchLocation);
}

let locationButton = document.querySelector("#current-location");
locationButton.addEventListener("click", getCurrentPosition);

function convertToCelcius(event) {
  event.preventDefault();
  let temperatureElement = document.querySelector("#wrapper-temp");
  temperatureElement.innerHTML = 24;
}

function convertToFahrenheit(event) {
  event.preventDefault();
  let temperatureElement = document.querySelector("#wrapper-temp");
  temperatureElement.innerHTML = 75;
}

{

```

```
let celciusLink = document.querySelector("#celcius-link");
celciusLink.addEventListener("click", convertToCelcius);
}
{
let fahrenheitLink = document.querySelector("#fahrenheit-link");
fahrenheitLink.addEventListener("click", convertToFahrenheit);
}
```