

Html code

```
!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" />
<title>weather App</title>
<link rel="stylesheet" href="style.css" />
</head>

<body>
<div class="app-wrap">
<header>
<input type="text" autocomplete="off" class="search-box" placeholder="Search for a city">
</header>

<main>
<section class="location">
<div class="city">Erode</div>
<div class="date">Monday 18 september</div>
</section>

<div class="current">
<div class="temp">15<span>°C</span></div>
<div class="weather">Sunny</div>
<div class="hi-low">13°C / 16°C</div>
</div>
</main>
</div>
<script src="index.js"></script>
</body>

</html>
```

CSS code

```
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}
body {
  font-family: "Outfit", sans-serif;
  background-image: url("https://images3.alphacoders.com/109/1091500.jpg");
  background-size: cover;
  background-position: top center;
}
.app-wrap {
  display: flex;
  flex-direction: column;
  min-height: 100vh;
  background-image: linear-gradient(
    to bottom,
    rgba(0, 0, 0, 0.3),
    rgba(0, 0, 0, 0.6)
  );
}
header {
  display: flex;
  justify-content: center;
  align-items: center;
  padding: 50px 15px 15px;
}
header input {
  width: 100%;
  max-width: 280px;
  padding: 10px 15px;
  border: none;
  outline: none;
  background-color: rgba(18, 18, 18, 0.4);
  border-radius: 16px;
  border-bottom: 3px solid #df8e00;

  font-size: 20px;
  font-weight: 300;
  transition: 0.2s ease-out;
  color: #eeeeee;
}
header input:focus {
```

```
    background-color: rgba(18, 18, 18, 0.8);
}
main {
    flex: 1 1 100%;
    padding: 25px 25px 50px;
    display: flex;
    flex-direction: column;
    align-items: center;
    text-align: center;
}
.location .city {
    color: #eeeeee;
    font-size: 32px;
    font-weight: 500;
    margin-bottom: 5px;
}
.location .date {
    color: #eeeeee;
    font-size: 16px;
}
.current .temp {
    color: #eeeeee;
    font-size: 102px;
    font-weight: 900;
    margin: 30px 0;
    text-shadow: 2px 8px rgba(0, 0, 0, 0.5);
}
.current .temp span {
    font-weight: 200;
}
.current .weather {
    color: #eeeeee;
    font-size: 32px;
    font-weight: 700;
    font-style: italic;
    margin-bottom: 15px;
    text-shadow: 0 3px rgba(0, 0, 0, 0.4);
}
.current .hi-low {
    color: #eeeeee;
    font-size: 24px;
    font-weight: 500;
    text-shadow: 0 3px rgba(0, 0, 0, 0.4);
}
```

Javascript

```
const api = {
  key: "2fa73590fd8b5a4c6e68098ad5625395",
  base: "https://api.openweathermap.org/data/2.5/"
};

const searchbox = document.querySelector(".search-box");
searchbox.addEventListener("keypress", setQuery);

function setQuery(evt) {
  if (evt.keyCode == 13) {
    getResult(searchbox.value);
  }
}

function getResult(query) {
  fetch(`${api.base}weather?q=${query}&units=metric&APPID=${api.key}`)
    .then((weather) => {
      return weather.json();
    })
    .then(displayResults);
}

function displayResults(weather) {
  console.log(weather);
  let city = document.querySelector(".location .city");
  city.innerHTML = `${weather.name}, ${weather.sys.country}`;

  let now = new Date();
  let date = document.querySelector(".location .date");
  date.innerHTML = dateBuilder(now);

  let temp = document.querySelector(".current .temp");
  temp.innerHTML = `${Math.round(weather.main.temp)}<span>°C</span>`;

  let weather_el = document.querySelector(".current .weather");
  weather_el.innerHTML = weather.weather[0].main;

  let hiLow = document.querySelector(".hi-low");
  hiLow.innerHTML = `${weather.main.temp_min}°C / ${weather.main.temp_max}°C`;
}

function dateBuilder(d) {
  let months = [
```

```
"January",
"February",
"March",
"April",
"May",
"June",
"July",
"August",
"September",
"October",
"November",
"December"
];
let days = [
  "Sunday",
  "Monday",
  "Tuesday",
  "Wednesday",
  "Thursday",
  "Friday",
  "Saturday"
];

let day = days[d.getDay()];
let date = d.getDate();
let month = months[d.getMonth()];
let year = d.getFullYear();

return `${day} ${date} ${month} ${year}`;
}
```