

```
const api = {  
  
  key: "fcc8de7015bbb202209bbf0261babf4c",  
  
  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) {  
  
    getResults(searchbox.value);  
  
  }  
  
}
```

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

```
}).then(displayResults);

}

function displayResults (weather) {

  let city = document.querySelector('.location .city');

  city.innerText = `${weather.name}, ${weather.sys.country}`;


  let now = new Date();

  let date = document.querySelector('.location .date');

  date.innerText = 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.innerText = weather.weather[0].main;
```

```
let hilow = document.querySelector('.hi-low');
```

```
hilow.innerText = `${Math.round(weather.main.temp_min)}°c /  
${Math.round(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}`;
```

```
}
```

```
async function getWeatherData(city) {
```

```
const response = await fetch(`https://api.openweathermap.org/data/2.5/weather?q=${city}  
&appid=${apiKey}&units=metric`);
```

```
const data = await response.json();

return data;

}

function updateUI(data) {

const weather = data.weather[0];

const weatherId = weather.id;

const mainWeather = weather.main;

switch (true) {

case weatherId >= 200 && weatherId < 300: // Thunderstorm

    document.body.classList.add('thunderstorm');

    break;

case weatherId >= 300 && weatherId < 400: // Drizzle

    document.body.classList.add('rainy');

    break;

case weatherId >= 500 && weatherId < 600: // Rain

    document.body.classList.add('rainy');

    break;
```

```
case weatherId >= 600 && weatherId < 700: // Snow
```

```
    document.body.classList.add('snowy');
```

```
    break;
```

```
case weatherId >= 800 && weatherId < 900: // Clear/Cloudy
```

```
    if (mainWeather === 'Clear') {
```

```
        document.body.classList.add('sunny');
```

```
    } else {
```

```
        document.body.classList.add('cloudy');
```

```
    }
```

```
    break;
```

```
default:
```

```
    document.body.classList.add('cloudy');
```

```
}
```

```
}
```