

# Assessment-2

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duration : 3 hours

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## Build A Weather App Using JavaScript

browser based weather app will show the weather information of current geo position that it will get from the API like this,

an Icon that shows the weather status,

the temperature value (18°C) in Celsius unit,

the weather description (clear sky),

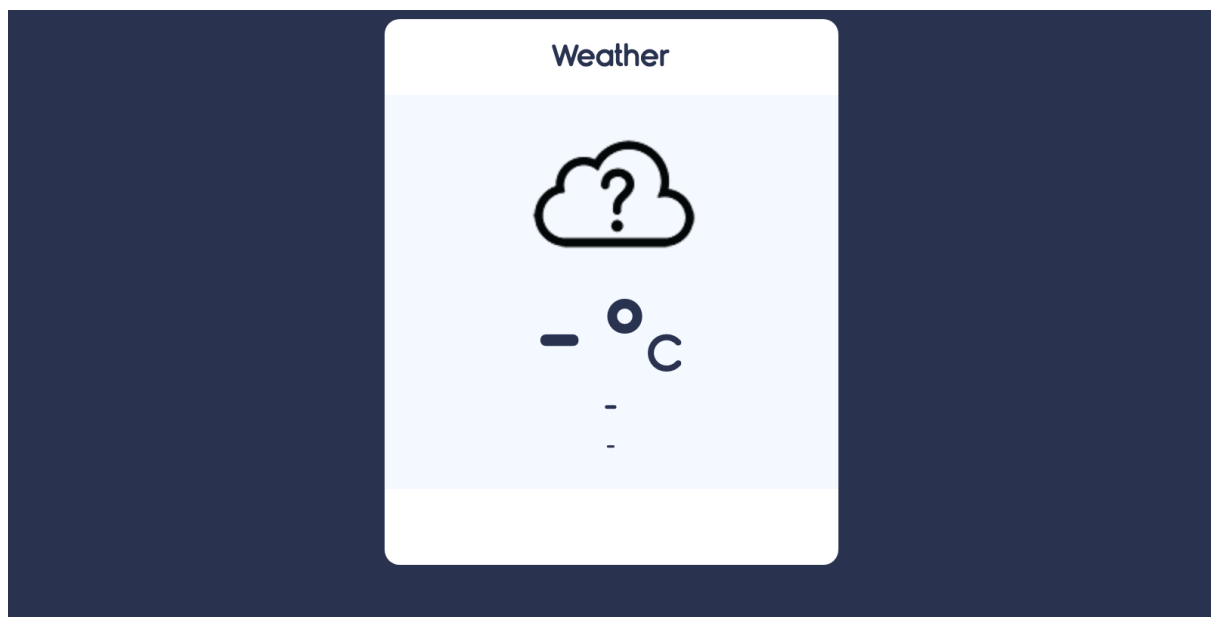
and then the user's city and country (London, GB).

when the user clicks on the temperature value, that will convert it from Celsius to Fahrenheit.

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before fetching weather details

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after fetching weather details

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The API provider:

<http://www.OpenWeatherMap.org>



create new account with above API provider , use given API key with below url to get weather details



api key : cdd7b3c6a7a5f4392a2825bb4056be7d

```
http://api.openweathermap.org/data/2.5/weather?lat=${latitude}&lon=${longitude}&appid=${key}
```

browser api to get current geo location i.e latitude, longitude

#### Geolocation API

The Geolocation API allows the user to provide their location to web applications if they so desire. For privacy reasons, the user is asked for permission to report location information. WebExtensions that wish



[https://developer.mozilla.org/en-US/docs/Web/API/Geolocation\\_A](https://developer.mozilla.org/en-US/docs/Web/API/Geolocation_API)  
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