

Simple Weather Application

Assignment Goals:

- Build a JavaScript application object.
- Learn to use an online JSON data web API.
- Use jQuery to get ajax data and show appropriate error messages if the data cannot be obtained.
- Use jQuery to dynamically add the data to the web page.
- Use Aria attributes in HTML to indicate dynamic data

GitHub Repository

<https://github.com/htc-ccis2591/simple-weather-app/>

You'll want to begin each assignment by forking the repository and cloning it locally. When you are done, you'll push to GitHub and submit a pull request.

Web API

For this assignment, we will use the [Open Weather API](#) to make a simple JavaScript application to get the weather by zip code.

Get API Key

To work with the API, you must [register](#) and get an API key. You can get a free key that is able to make a limited number of requests for data. Make sure to keep this key private - do not put it in a file that will go to GitHub.

We will put a form entry on our page to allow us to enter this in and store it in our local browser storage under the key "**openWeatherApi**". This will make my life easier when I grade as I can save my key and use it to grade all of your assignments. Please make sure you use this key exactly.

Get Weather by Zip Code

We will make a call to get the weather by zip code: <http://openweathermap.org/current#zip>

Then we will build HTML to display the weather description "Sky is clear." and the temperature (be careful with C or F).