http://bit.ly/workshop-attendance-19

http://bit.ly/WeatherApp19

Build a Weather App

DAY 4

CSS Changes

Things to Do -

- Styling degree button -
  - :disabled properties
  - :hover:enabled
  - Cursor = pointer
  - Radius = increase
- Heading levels -
  - H3 : size = 2.5 rem, color = #3498db
  - H5 : size = 1.25rem, color = #95a5a6
  - H4 : size = 2rem, margin-top = 2rem, color = #34495e

JS Changes

Things to Do -

- Add the degree sign (lots of ways); we are going to use decodeURI("%C2%B0")
- API set up!

API Call

Note

- You can get your own API key for free from https://openweathermap.org/ by signing up
- For this workshop you can either of these keys:
- **7b9ef6d5a3c36d00b45d1c53aa1413c9**
- **3d35c1f672f998de9b32f06913d9d6c0**

Things to Do -

- Set up the basic URL and the queries
- Fetch call
- Set up a basic check function (convert promise to response)
- Get the temperature units
- Change the temperate
- Change the image function to handle not found with array and includes
- Change the image acc. the data received
- Change the Area Text and Forecast

Advanced Version

Restructuring HTML & Styling CSS Accordingly

Things to Do -

- Add a new section right inside the body tag and give it an id of inputs and class as flexy
- Change the CSS such that both sections have 50% height and min-height of 20rem.
- Make the margin of body = 0
- Now give the background color of this inputs section as #3498db
- Create 3 divs in this "#inputs"
- Inside these divs create an input with type = text and placeholder as "Enter ZIP Code", "Enter City", "Enter Lat and Lang" and assign unique ids to them
- Also add a button to all of them which says "Get Weather" and give unique ids to them.

- Now give an id to the "deg_btns"
- Now correspondingly change the CSS for buttons in #deg_btns so that only those buttons are affected and not the new ones that we just created.
- For buttons
  - background: #ecf0f1;
  - border: none;
  - border-bottom: 3px solid #bdc3c7;
  - border-radius: 10px;
  - padding: .8rem;
  - margin: .8rem;
  - color: #34495e;
  - font-weight: 600;
  - font-size: .8rem;
  - cursor: pointer;

- For inputs -
  - background: white;
  - border: none;
  - border-radius: 5px;
  - padding: .5rem;
  - margin: .5rem;
  - font-size: 1rem;
- Also change the color of the input focus
- Make everything center by giving flex property to all the div elements inside the #inputs.
  - display: flex;
  - flex-direction: column;
  - justify-content: center;
  - align-items: center

Back to JavaScript

Things to Do -

- Add event listener to all the newly created buttons.
- Create a mode if-else chain to get a URL based on the button pressed
- Add a catch statement

That's a lot for sticking along for the whole journey!

Finally you have a new project now!