Challenge 6 Weather Dashboard

1 Make sure page loads

2 Create input form

* create id for the input (city id)
* create search button

3 write function to extract the data from the city input

4 “Clean” the data from the city input (take away spacing, meets API requirements)

5 Make AJAX call to API’s url (look at the API’s docs to make the AJAX call)

6 Get data back, parse through the data.

* look for dot notation to get what I need

7 \*\*5dayforcastdiv\*\*Create a div on the landing page that is going to hold the data (landing spot for info)

* make special ID for this div

8\*\*currentforecast\*\* Create another div for current weather conditions

* make special ID
* city name, date, icon representing weather conditions, temperature, wind speed, UV index

9 create function that uses conditions (eventListener) and a conditional (if) for favorable, moderate, and severe – 3 different colors for uv

10 Create another div for “search history”

11 create function to store search in localStorage

12 create function to retrieve search history from local storage

13 create buttons for each search history item (loops)

14 Store current weather data in local storage, “drill into the data”

.header {

  display: flex;

  flex-wrap: wrap;

  align-items: center;

  justify-content: space-around;

  background-color: rgb(80, 144, 165);

  color: white;

  width: 100%;

  padding: 1em;

  /\*max-width: 20em; remember this for using flexbox for other divs in this assignment\*/

}

br {

  border;

}

.searchcontainer h2 {

  display: block;

  width: 80%;

  max-width: 100%;

}

/\*Searchcontainer style start\*/

.searchcontainer {

  display: flex;

  flex-wrap: wrap;

  justify-content: space-between;

  flex-direction: column;

  max-width: 30em;

  margin: 0.5em;

}

.form-input {

  /\*needed block display to make button take up whole width of this container that I wanted\*/

  display: block;

  width: 100%;

  max-width: 100%;

}

.searchbtn {

  margin: 0;

}

      <form class="formdiv">

        <label for="city">

          <input type="text" placeholder="San Diego" name="city" id="city"

          class="form-input"/>

        </label>

      </form>

      <button type="submit" class="searchbtn">Search</button>

      <br />

      <button type="button" class="quickbtn">Austin</button>

      <button type="button" class="quickbtn">Chicago</button>

      <button type="button" class="quickbtn">New York</button>

      <button type="button" class="quickbtn">Orlando</button>

      <button type="button" class="quickbtn">San Francisco</button>

      <button type="button" class="quickbtn">Seattle</button>

      <button type="button" class="quickbtn">Denver</button>

      <button type="button" class="quickbtn">Atlanta</button>

    </div>