Benchmark #2: First Prototype

Due: March 7ᵗʰ @ 8pm on gitlab

Objective: Create a prototype of your product using HTML, CSS and JS.

In this next benchmark we will work on having a first prototype of your product/service from your proposal. **Please take into account the comments and feedback you received on the proposal. If you would like to further modify or change your idea this is your last chance, you must go to the TAs or Elias to double check that the new idea is viable.**

Here are the requirements:

1. *Functionality*
   You must have all functionality represented on your webpage. This means you must have input for all information necessary for your product. You may have more than one HTML page if you would like. **We will be comparing your prototype to your proposal and our comments to ensure you have made it to your own specifications.**

2. *Inputs and Data*
   You must have at least 3 different form tags, with at least 4 different form inputs in each. They do not have to be unique. For example, I may have one form for username and password if they would like to log in, with 2 text boxes, a check box and a radio button. **Buttons do not count as inputs but are encouraged for input submission. Your forms must work for all possible inputs for its type (see next section).**

3. *Scripts*
   You must write at least 3 functions that process each of your forms. The functions must use the form input to display a change either on the existing or new HTML page. **Any input should be validated if necessary.** For example, if you would like someone to enter a number but they enter a string, you must catch and handle it appropriately either in your Javascript after submission or dynamically as they enter inputs into the HTML.

4. *Fit and Finish*
   The prototype must be styled and should look like a page you have spent time designing- I do not want white background with arial black font for this benchmark. If you are unsure if your page is up to standards, please go to office hours or post privately on Piazza. **You must have multiple columns with elements side by side in at least one part of your page.** I highly encourage the use of bootstrap for styling and for its grid system, but you may use any library you like as long as you cite.

Lastly, please create a folder called "LastName_FirstName Benchmark2 Implementation" in this folder for benchmark 2 and put all HTML, CSS and scripts in there. **Your main page should be called index.html.** You may use bootstrap, but do not install it, only use links.