A screenshot of a computer

Description automatically generated

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When inspecting the difference between the html rendered file and the .ejs file, it can be noted that in the html file the values for sum, difference, product and quotient seem to be hard coded. When looking at the index.ejs file, all we have coded is the input fields for the variables that we will use to perform the calculations with the app.js, and display via the result.ejs.

By using an .ejs template we are able to create dynamic web pages, and re-use the same .ejs file to display different values. For example, in our assignment, we have one result.ejs file that will be rendered over and over every time the number values change.

Using .ejs files are beneficial because it reduces the amount of code a developer has to write, and the code is easier to maintain. An instance the .ejs can be used is when requesting user input, and what is rendered is based on what the user entered in to the web page.