

Full Stack Immersive (Atlanta): March 202 ...



Week 4 - Handling User Input

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Bonus Exercise: Fortune Cookie

Grade: N/A



The goal of this exercise is to create a page that shows you a new fortune (or a joke or a pun, etc.) each time you click a button.

HTML Setup

Set up a new project (with git repo!) to get started.

In your index.html create HTML elements for the following:

- an output (a div or an h1, for example)
- an input (a button)

Make sure to give each of these a custom class name for accessing from JavaScript.

CSS Styling

- Lay out your elements (maybe centered on the page?)
- Add custom fonts appropriate for your app (i.e., a joke page will have different fonts than a fortune cookie page)
- Add a background image

JavaScript interaction

- Create an array of strings, and copy/paste some content into those strings. You'll want at least 5 different jokes/fortunes. Here are some suggestions:
 - <https://icanhazdadjoke.com/>
 - <http://www.icndb.com/the-jokes-2/>
 - <http://yerkee.com/api/fortune> (refresh this one to get a new fortune)
- When the user clicks the button, show a joke/fortune.
- When the user clicks the button again, show the next fortune.
- When the user clicks the button, and you are at the end of the array, start back from the beginning of the array.

Bonus Feature #1: Previous/Next

Add a second button to the page. When the user clicks this button, it should show the previous fortune. Remember to add the "wrap-around" behavior! (So that if they're looking at the first fortune and they click "previous", it should show them the last fortune in the array.)

Bonus Feature #2: Random Fortune

Add a third button. When the user clicks this button, a random fortune from the array is shown.

You'll want to write a function for generating a random number that falls within a range. (MDN has a good example, but a google search may turn up alternatives.)

Posted Today at 8:39 am