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IGME-235-Shared / tutorial / HW-wa-random-phrases.md

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Update HW-wa-random-phrases.md

Latest commit e056e09 1 hour ago

History

1 contributor

35 lines (28 sloc) 2.28 KB

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# Homework: Random Phrases

## Overview

In this assignment you will create a "random phrases" web application.

The exact theme is up to you, the example below used a *Star Trek: TNG* theme.

Ideally your theme is appropriate for all ages and audiences.

To complete this assignment, you should have completed up through the 6th web app tutorial page: [6 - JavaScript Events](#).

What Would Commander Data Do?\*

Early bird gets the worm? I believe Commander Shelby erred. There is no evidence of avian or crawling vermicular lifeforms on Jouret IV.

## Instructions & Requirements

1. Create a valid HTML5 page named **random-phrases.html** that has the following content:
  - i. A header that serves as the title of the page
  - ii. A background image
  - iii. Your name must be somewhere on the page
  - iv. An area of the page that will hold dynamically created content
  - v. The page will use an embedded font
  - vi. The page content must be legible and nicely styled, with good choices made for colors, margins and fonts
  - vii. The page doesn't have to be fully-responsive, but should look acceptable and be legible on both desktop and phone.
  - viii. The look and theme of the page is worth 50% of the assignment
2. Display theme-appropriate random phrases when the page loads (or reloads) and when a button is clicked:
  - i. You will have at least 5 phrases stored in a JavaScript array
  - ii. When the page loads (or reloads) a random phrase from the array will be selected and displayed. You can use `Math.random()`, `Math.floor()`, and `array.length` to accomplish this. If you get stuck, look for help on the Internet. Suggestion, the function mentioned below could be called when the page first loads.
  - iii. Additionally, create a nicely styled `<button>` and put it on the screen. Feel free to search the web for appropriate button CSS styles.
  - iv. Add CSS button rules for `:hover` and `:active` so that the button has a nice "over" and "down" look.
  - v. Clicking the button will call a function named `displayQuote`, which will generate and display a random quote.
  - vi. The functionality of the page is worth 50% of the assignment

## Submission

- Post to your web site and (we recommend) link to it from your 235 Home Page. (Lots of your own creative work here)
- Also Zip and upload to the Assignment Dropbox in myCourses.
- Tip: The coding of this shouldn't take too long, but the page layout and styling probably will.

