**HTML Assignment**

**Objective:** This assignment aims to assess your understanding of the basic HTML and CSS concepts we learned in today's class. You'll be building a simple, static webpage about a topic of your choice.

**Requirements:**

**HTML/CSS:**

1. **Content:** The webpage should contain the following elements:
   * A title in the head section
   * A header with a page title
   * A navigation bar with at least three links. The links can be placeholders (#).
   * At least three sections or articles, each with a unique header and a few paragraphs of content. Feel free to use placeholder text (lorem ipsum or similar).
   * An image related to your topic
   * A table displaying some form of data related to your topic
   * A form with at least two different input types (e.g., text, email, checkbox, radio button) and a submit button
   * A footer with copyright information
2. **Styling:** The page should have a coherent color scheme and typography. Use CSS to style your webpage with the following specifications:
   * Different font styles for headers and paragraph text
   * Colors for your headers, paragraph text, and background
   * Styled navigation bar
   * Padding and margins to properly space your elements
   * A styled form with aligned input fields
   * Any additional styles you'd like to add to enhance the webpage's aesthetics (hover effects, border styles, etc.)
3. **Layout:** Use CSS properties (display, position, float) to create a pleasing and logical layout for your page.

**JavaScript:**

1. **Interactive Navigation Bar:** When a user hovers over a navigation link, change the color of the link. When they move the mouse away, it should return to the original color.
2. **Image Switcher:** Include two or more images related to your topic. Add buttons that allow the user to switch between the images.
3. **Form Validation:** When the form is submitted, use JavaScript to validate the form input. If a field is empty or an email is not in the correct format, prevent the form from being submitted and show an error message.
4. **Interactive Table:** Make your table interactive. You could add a button to add new rows, or allow users to sort the table data.

Remember, this assignment is not about creating a perfect webpage - it's about learning and experimenting with what you've learned today. Feel free to be creative, and don't worry about making mistakes; that's how we learn best! Good luck!