

****HTML Assignment: Exploring Web Elements (HTML-Only)****

****Objective:**** Develop a web page using a variety of HTML elements to create a dynamic and engaging user experience, focusing solely on HTML.

****Task 1: Create a Comprehensive Web Page****

1. Begin by creating an HTML file named `complex_webpage.html`.
2. Set up the complete structure of an HTML5 document with the `<!DOCTYPE html>` declaration, ``<html>``, ``<head>``, and ``<body>`` tags.
3. Include a descriptive title for the web page within the ``<head>`` section.

****Task 2: Header and Navigation****

4. Design a header section that includes your name or a fictional company name as the logo using the ``<h1>`` element.
5. Create a navigation menu using an ordered list (````) with several list items (````) representing different sections of your webpage.

****Task 3: Hero Section with Image****

6. Design a hero section that spans the entire viewport height and features a image using inline `style` attributes.
7. Include a heading (``<h2>``) with a catchy tagline about your webpage's theme.

****Task 4: Main Content Section****

8. Create a main content section with three sub-sections:
 - Use the ``<section>`` element for each sub-section.
 - In the first sub-section, include a heading (``<h2>``) and a paragraph (``<p>``) about a significant aspect of your webpage's theme.
 - In the second sub-section, create an unordered list (````) with at least five interesting facts related to your theme.
 - In the third sub-section, embed an image (````) or diagram that complements the content.

****Task 5: Forms and User Interaction****

9. Develop a form section with the following components:
 - Create a form (``<form>``) for users to provide feedback or subscribe to updates.

- Include text inputs, radio buttons, checkboxes, and a text area to gather information.
- Implement a submit button (`<input type="submit">`) to process the form.

****Task 6: Tables and Data Presentation****

10. Utilize a table (`<table>`) to present tabular data, such as a comparison between two or more products, services, or concepts.

****Task 7: Footer and Contact Information****

11. Design a footer that includes contact information, social media links, and copyright details using appropriate HTML elements.

****Task 8: Semantic Elements and Accessibility****

12. Implement semantic elements such as `<article>`, `<aside>`, `<footer>`, and `<nav>` to enhance the structural organization and accessibility of your webpage.

****Task 9: Advanced Hyperlinks****

13. Incorporate various types of hyperlinks, including:

- External links that open in a new tab.
- Anchor links that allow users to navigate within the page.

****Task 10: Embedding Multimedia and Interactive Elements****

14. Embed multimedia and interactive elements like videos, audio clips, or Google Maps using appropriate HTML tags.

****Task 11: Complex Lists****

15. Create complex lists, such as nested ordered and unordered lists, to organize information more comprehensively.

****Submission Guidelines:****

1. Ensure your HTML code adheres to proper indentation and follows best practices for clean, readable code.
2. Organize your assets (images, multimedia) in a separate folder and reference them correctly in your HTML.
3. Push your code to GITHUB

