**Assignment 1: HTML5 Tags and Attributes**

**Objective:**

The objective of this assignment is to gain a comprehensive understanding of HTML5 tags and their associated attributes. By creating a single HTML page, students will demonstrate their knowledge and proficiency in utilizing the various HTML5 elements specified in the reference provided.

**Task:**

HTML5 Tags and Attributes Compilation: Refer to the provided reference link <https://www.tutorialrepublic.com/html-reference/html5-tags.php>. Create an HTML document that includes all 84 HTML5 tags listed in the reference. Ensure you skip obsolete tags and attributes.

Attribute Implementation: For each HTML5 tag, implement the relevant attributes as specified in the reference. Provide examples and comments in your HTML code to showcase your understanding of how each attribute is used.

Validation:

Ensure that your HTML document passes validation using an HTML validator tool. Correct any errors or warnings that may arise during the validation process. <https://www.freeformatter.com/html-validator.html>

**Submission:**

Submit your assignment as a zip file, ensuring the following:

HTML File: Save your HTML document with a clear and descriptive filename

CSS File (Optional): If you chose to apply optional styling, include the CSS file (e.g., styles.css).

Documentation: Include a separate document (e.g., documentation.txt or documentation.pdf) that explains your approach to organizing the tags, implementing attributes, and any challenges faced. This document should also include the screenshots of the user interface opened in your browser.

Assets (Optional): If you have used any additional assets such as images or icons, include them in the appropriate folders within the zip file.

Zip File: Compress all the files and folders into a single zip file (e.g., html5\_tags\_assignment.zip).

Submission Guidelines: Ensure that the zip file is well-organized, with clear filenames and a logical folder structure.