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**Session assignment**

**Exercise:**

Sample HTML code, Write down review step-by-step to suggest improvements.

<!DOCTYPE html>

<html>

<head>

<title>My Web Page</title>

<style>

body {

font-family: Arial, sans-serif;

}

.container {

width: 80%;

margin: auto;

padding: 20px;

}

h1 {

text-align: center;

}

</style>

</head>

<body>

<div class="container">

<h1>Welcome to My Web Page</h1>

<p>This is a simple paragraph to introduce the content.</p>

<a href="https://www.example.com">Click here to visit Example</a>

<ul>

<li>Item 1</li>

<li>Item 2</li>

<li>Item 3</li>

</ul>

</div>

<footer>

<p>&copy; 2024 My Web Page</p>

</footer>

</body>

</html>

Step 1: **Code Understanding**

This is a basic HTML webpage with:

1. A document structure using <!DOCTYPE html>.
2. A head section containing a title and embedded CSS styling.
3. A body section containing:
   * A container <div> with introductory content (header, paragraph, link, and unordered list).
   * A <footer> with copyright information.

Step 2: **Identifying Potential Issues or Improvements**

* The <title> is generic ("My Web Page") and doesn't describe the page's content effectively.
* The link text "Click here" is not descriptive, making it harder for screen readers to interpret.
* No alt text for non-existent images if they are added in the future.
* The CSS lacks responsive design features for different screen sizes.
* A <header> or <main> tag could enhance the semantic structure.
* The footer lacks styling for visual separation from the main content.
* The link opens in the same tab, potentially disrupting user experience.

Step 3: **Suggesting Improvements**

* Replace <title>My Web Page</title> with a descriptive title like <title>Welcome to My Personal Blog</title>.
* Update the link text to be more descriptive, e.g.,

<a href="https://www.example.com">Visit Example Website</a>.

* Consider adding target="\_blank" for external links.
* Use <header> for the heading and introductory content, and <main> for the main content.

Example:

<header>

<h1>Welcome to My Web Page</h1>

<p>This is a simple paragraph to introduce the content.</p>

</header>

<main>

<ul>

<li>Item 1</li>

<li>Item 2</li>

<li>Item 3</li>

</ul>

</main>

* Incorporate a viewport meta tag:

<meta name="viewport" content="width=device-width, initial-scale=1.0">

* Ensure sufficient color contrast in the styles.
* Consider using aria-label attributes for additional context when needed.

Step 4: **Feedback Summary**

This HTML document provides a functional starting point for a webpage but can be improved in areas of accessibility, responsiveness, and semantic structure. By implementing the suggested changes, the webpage will be more user-friendly, accessible, and visually appealing.