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DATE : 26/12/2024

TOPIC : STEP BY STEP REVIEW

**CODE**

<!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>

**Review of the Sample HTML Code**

**Step 1: Code Understanding**

The provided code is a simple HTML document with the following elements:

1. A head section containing the title of the page and a <style> block for basic CSS styling.
2. A body section with a div (class: container) that contains:

* A centered <h1> title.
* A paragraph introducing the page's content.
* A hyperlink.
* An unordered list with three items.

1. A footer section with copyright information.

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

1. **Semantic HTML:**

The <div> element is used as a container but could be replaced with a semantic element like <main> for better accessibility and semantics.

1. **Accessibility:**

No alt text or ARIA attributes for improved accessibility (although not immediately necessary for the current content).The hyperlink lacks descriptive text, which could enhance usability for screen readers.

1. **Styling:**

Inline CSS might make it harder to maintain styles if the webpage grows. Consider using an external stylesheet.No styling for the <footer> section, which appears plain.

1. **Best Practices:**

The document is missing <meta> tags (e.g., charset and viewport), which are essential for SEO and responsive design.A lang attribute in the <html> tag is missing, which helps with accessibility and internationalization.

**Step 3: Suggesting Improvements**

1. Enhance Semantic HTML:

Replace <div class="container"> with <main> to reflect the primary content area of the page.Use a <nav> tag if additional navigation links are added later.

1. Add Accessibility Features:

Provide descriptive text for the hyperlink: <a href="https://www.example.com">Visit Example Website</a>.

1. Improve Styling Approach:

Move the CSS to an external stylesheet and link it in the <head> for scalability:

html

<link rel="stylesheet" href="styles.css">

Add styles for the <footer> section, such as a background color or alignment:

css

footer {

text-align: center;

background-color: #f0f0f0;

padding: 10px;

}

1. Add Meta Tags:Include a viewport meta tag for responsive design:
2. Enhance Structure: Add a language attribute to the <html> tag:

**Step 4: Feedback Summary**

1. Use HTML 5 tags like <main> and <footer>.

2. Enhance accessibility with descriptive hyperlinks and potential ARIA attributes.

3.Move inline CSS to an external stylesheet for better scalability