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**

The provided HTML code represents a basic structure for a webpage.

* A <head> section that contains a title for the page and internal CSS styles.
* A <body> section that contains a container (<div>) wrapping the main content.
* The main content consists of a heading (<h1>), a paragraph (<p>), a hyperlink (<a>), and an unordered list (<ul>).
* A footer (<footer>) that includes a copyright statement.

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

* The CSS is written directly in the <head> section. External or internal stylesheets would be more maintainable.
* The footer is placed outside the container. Typically, it’s part of the content structure and should be aligned within the container or styled to appear distinctly.
* The link (<a>) text does not have any styling (e.g., hover effects) that would improve user experience.

Step 3: **Suggesting Improvements**

* Move the CSS to an external stylesheet and link it with html

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

* Responsiveness: Adding media queries will ensure the page looks good on all screen sizes

**<meta charset="UTF-8">**

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

* Add alternative text for any images or links with alt attributes.

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

* Add a <section> or <div> for the footer content to maintain consistency within the main container.

**<footer>**

**<div class="container">**

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

**</div>**

**</footer>**

Step 4: **Feedback Summary**

* **CSS Externalization**: Moving the CSS to an external file will improve maintainability, especially for larger projects.
* **Accessibility**: Implementing accessibility improvements and providing alternative text for images will make the page more inclusive.
* **Footer**: The footer should be inside the main container for consistency