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>

19:17 Step 1: Code Understanding by Parag JoshiParag Joshi

**Code review**

**<!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 code creates a basic HTML page with a container holding a title, a paragraph, a link, and an unordered list.

It includes a footer with a copyright notice.

Basic CSS styles are defined within a <style> tag in the <head> section.

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

**HTML Semantics**:

* The <footer> should ideally be inside the .container for better structure.
* Add a <main> tag to separate the main content from other sections.

**Accessibility**:

* The <a> tag could include aria-label for better screen reader support.
* No lang attribute is specified in the <html> tag for language identification.

**SEO**:

* The page lacks meta tags such as description and keywords.
* There’s no <h2> or <h3> for content hierarchy, which can affect readability and SEO.

**Responsive Design**:

* While the container width is set to 80%, additional responsive design elements (like media queries) could be helpful for smaller screens.

**Styling**:

* Move the inline styles to a separate CSS file for better maintainability.
* Use a CSS reset to ensure consistent rendering across browsers.

Step 3: **Suggesting Improvements**

**Add semantic HTML tags:**

html

<main>

<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" aria-label="Visit Example website">Click here to visit Example</a>

<ul>

<li>Item 1</li>

<li>Item 2</li>

<li>Item 3</li>

</ul>

</div>

</main>

Add the lang attribute to <html>:

html

<html lang="en">

**Include meta tags for SEO:**

html

<head>

<meta charset="UTF-8">

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

<meta name="description" content="A basic web page example with improvements.">

</head>

**Enhance CSS for responsive design:**

css

@media (max-width: 768px) {

.container {

width: 95%;

padding: 10px;

}

}

Step 4: **Feedback Summary**

The HTML page is well-structured and clear, but it could benefit from improved semantic tags, enhanced accessibility, SEO optimization, and responsive design. Moving inline styles to a separate CSS file and adding meta tags will further improve the overall quality and maintainability of the page.