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

→ The given code is:-

```html
<!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 : -

It is a simple HTML code which is used to give some information about the domains and Example domains. The Html code is clear and it has no errors in it. This HTML document creates a simple webpage with:

- The Code having 3 webpages : -
  o Home page that is welcome page
  o Example page which is having the domain link
  o The information page about the domain

- A centered heading (Welcome to My Web Page) and a title having the name "My Web Page"

- A short paragraph introducing the content

- A link to an external website (example.com)

- A bullet-point list which is an un-ordered list

- A footer with a copyright notice

- The CSS styles enhance the layout by:

  - Setting a modern font (Arial, sans-serif)

  - Centering the main content with .container

  - Aligning the heading text

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

- No Mobile Optimization:

  - The CSS .container uses a fixed width of 80%, which may not look good on very small screens.

  - Fonts and spacing might need adjustment for smaller devices.

- Update the Link Text:

- The link text "Click here to visit Example" isn't descriptive enough for accessibility.
- Use descriptive text:

**Step 3: Suggesting Improvements**

- Add a responsive design using media queries:
- Code :-

```css
Copy code
@media (max-width: 600px) {
    .container {
        width: 100%;
        padding: 10px;
    }
}
```

- Use descriptive text:
- Code :-

```
<a href="https://www.example.com">Visit Example's Homepage</a>
```

**Step 4: Feedback Summary**

- optimizations:

    o The .container width may not adapt well to smaller screens.

- Styling:

    o Inline CSS may become difficult to manage as the project grows.

    o Footer is too plain and lacks visual distinction.