

## 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 the basic structure of the webpage:**

### **1. HTML Basics:**

The page is written in HTML. The code starts with `<!DOCTYPE html>`, which tells the browser the page is written in HTML5. The page has two main parts:

- `<head>`: This part contains important details like the title of the page and styles (how things look).
- `<body>`: This part is where the visible content of the page goes (like headings, text, and links).

### **2. Main Parts of the Page:**

- Title: The title of the webpage is "My Web Page."
- Content:
  - A heading (`<h1>`) that says "Welcome to My Web Page."
  - A paragraph (`<p>`) giving a brief introduction.
  - A link (`<a>`) that takes the user to "example.com."
  - A list (`<ul>`) with three items.
- Footer: A footer with a copyright notice.

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

**Here are some simple areas where improvements can be made:**

### **1. Link Text:**

The link text "Click here" is not very helpful. It's better to describe where the link goes, so users know what they're clicking on.

2. **SEO (Search Engine Optimization):**

The title "My Web Page" is very simple and doesn't tell search engines or users what the page is about. We can make it more descriptive.

3. **Responsive Design:**

The page looks fine on a computer, but it might not look good on smaller devices like phones. We can make the layout adapt to different screen sizes.

4. **Missing Meta Description:**

A "meta description" helps search engines understand what the page is about. Without it, **the page is harder to find in search results.**

5. **Link Target:**

If you want the link to open in a new tab, you should add a special setting for that.

### Step 3: Suggesting Improvements

Here are simple improvements you can make:

**1.Improve Link Text:**

Instead of "Click here," make the link more descriptive so users know what it's about.

html

Copy code

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

**2.Add a Meta Description:**

This helps search engines know what the page is about. Add this inside the `<head>` section:

html

Copy code

```
<meta name="description" content="This is a simple webpage that introduces basic content.">
```

**3.Make the Page Mobile-Friendly:**

To make the page look good on phones or tablets, add a small piece of CSS (styles) to make the layout flexible:

css

Copy code

```
@media (max-width: 768px) {  
    .container {  
        width: 100%;  
        padding: 10px;  
    }  
}
```

**4.Open Links in a New Tab:**

If you want links to open in a new tab, add `target="_blank"` to the link:

html

Copy code

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

### 5.Add More to the Footer:

You can add more information or links in the footer, such as "About" or "Contact" links.

html

```
Copy code
<footer>
  <p>&copy; 2024 My Web Page</p>
  <ul>
    <li><a href="#">About</a></li>
    <li><a href="#">Contact</a></li>
  </ul>

  </footer>
```

### Step 4: Feedback Summary

In simple terms, here's what could be improved:

1. Make Links Descriptive:  
Change "Click here" to something that tells the user where the link goes.
2. Improve SEO:  
Add a better title and a meta description to help people find your page online.
3. Make the Page Mobile-Friendly:  
Add simple code to make sure the page looks good on phones.
4. Use `target="_blank"` for External Links:  
This will make links open in new tabs, keeping your page open while users visit external sites.
5. Add More to the Footer:  
Add useful links (like About or Contact) in the footer to make it more complete.

By making these simple changes, your webpage will be easier to use, better for search engines, and look good on all devices!