Lesson 07 Demo 02

Styling Presentation Elements Using Tailwind

Objective: To demonstrate how to style presentation UI elements such as hero sections, tables, and lists using Tailwind CSS utility classes for enhancing visual consistency, responsiveness, and user experience
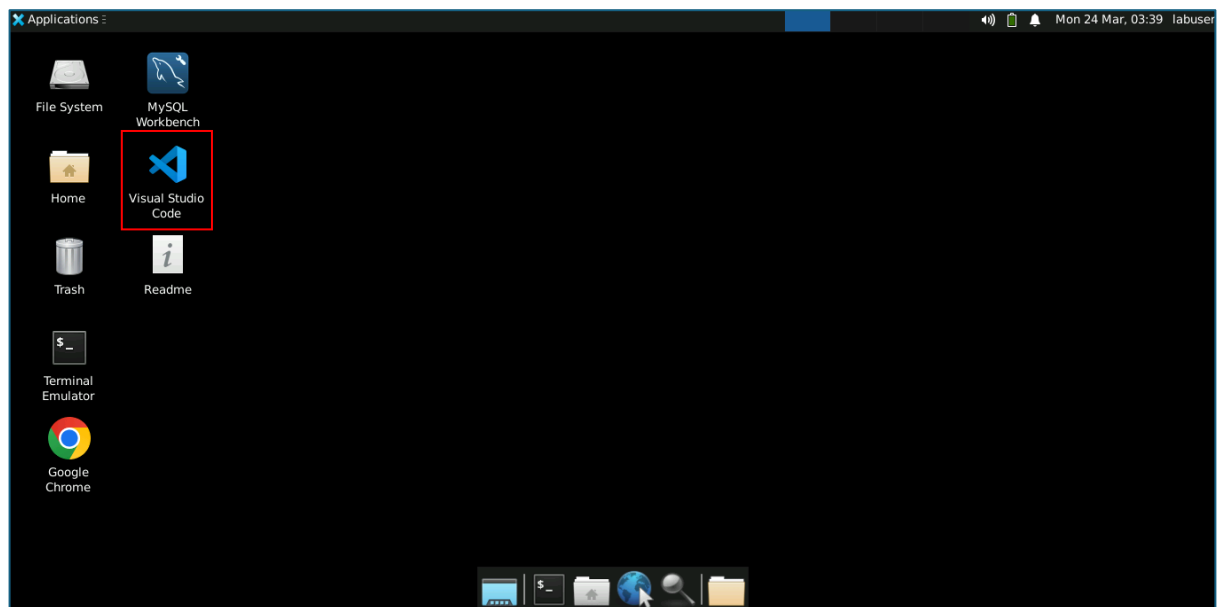
Tools required: Visual Studio Code

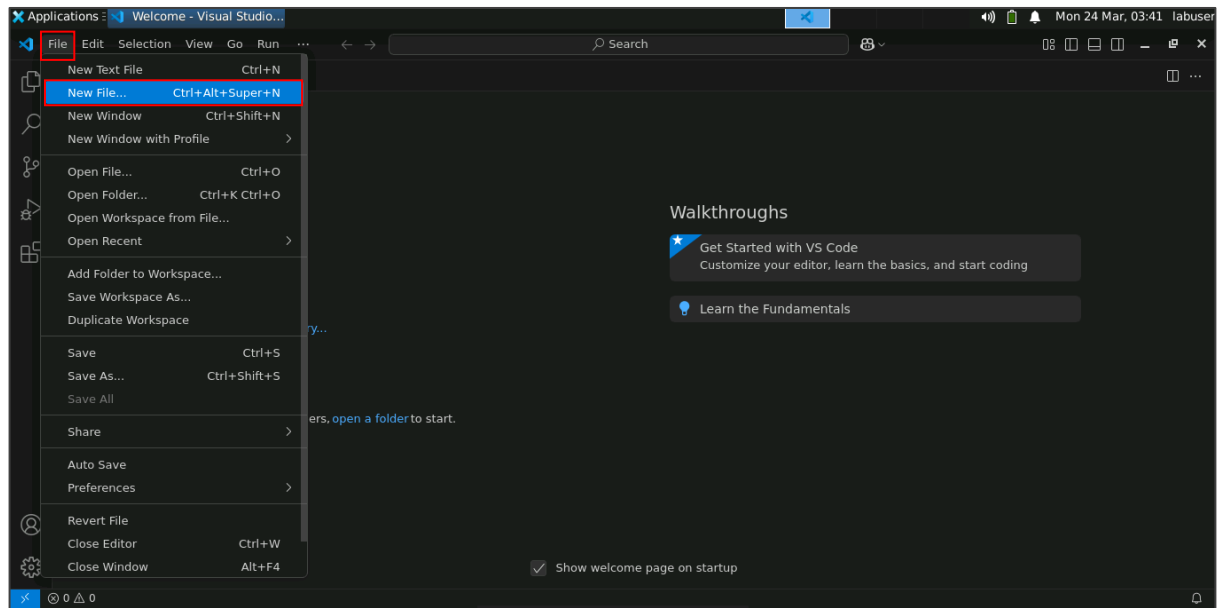**Prerequisites:** HTML Basics

Steps to be followed:
1. Open Visual Studio Code and create index.html
2. Add and style presentation UI components

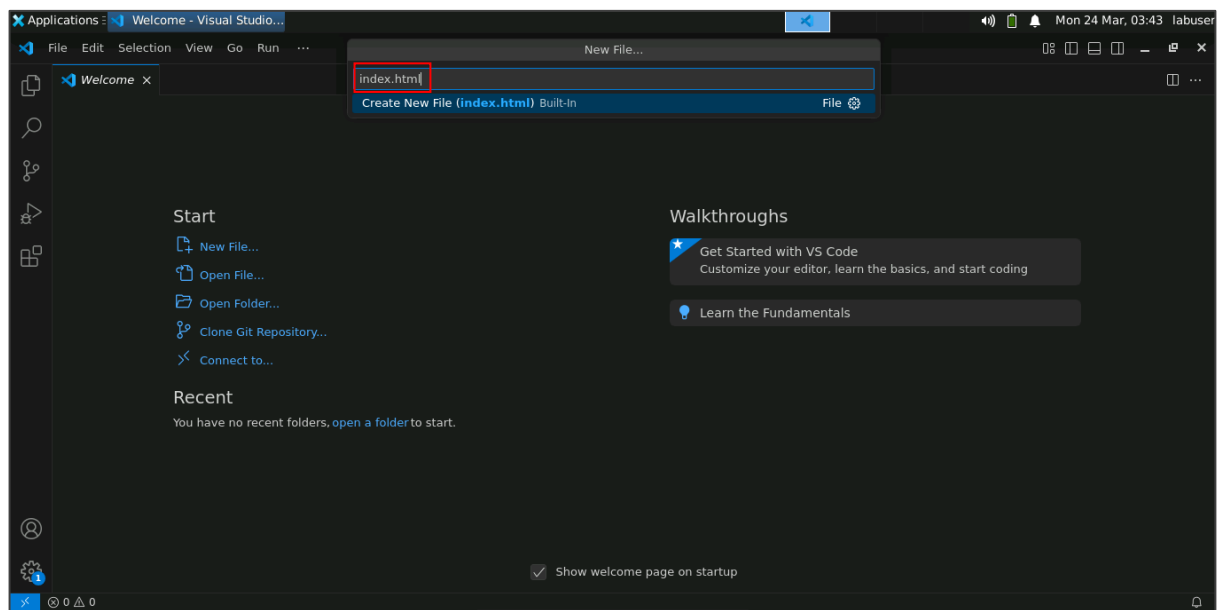## Step 1: Open Visual Studio Code and create index.html
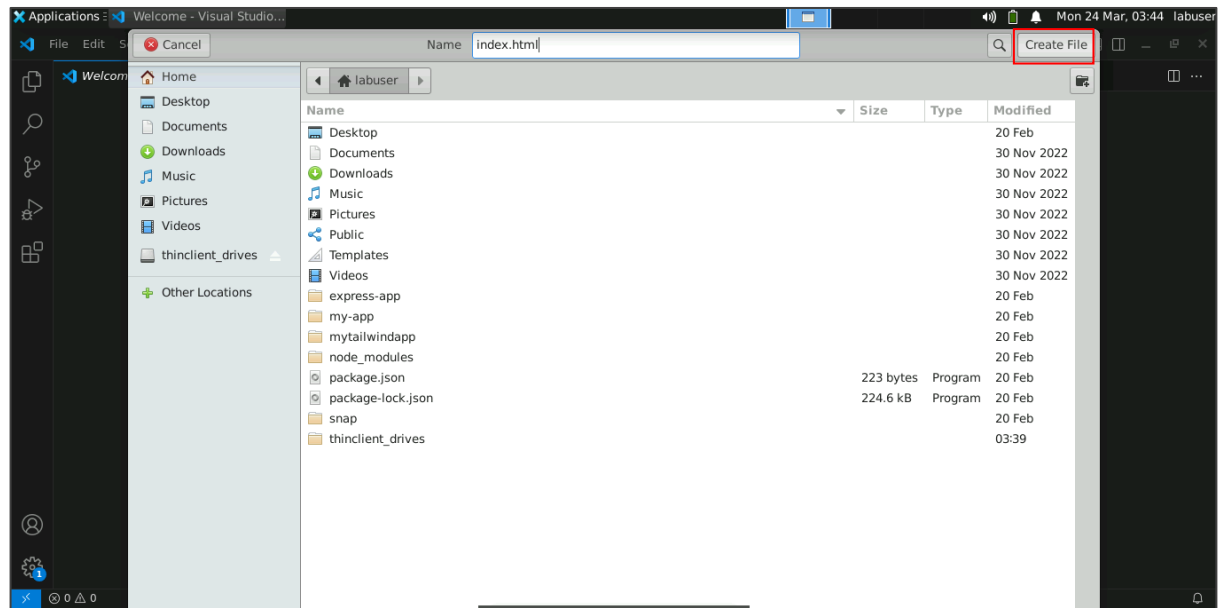
1.1 Open **Visual Studio Code**

1.2 Click on **File**, then select the **New File…** option

1.3 Create an **index.html** file and press enter

1.4 Click **Create File**

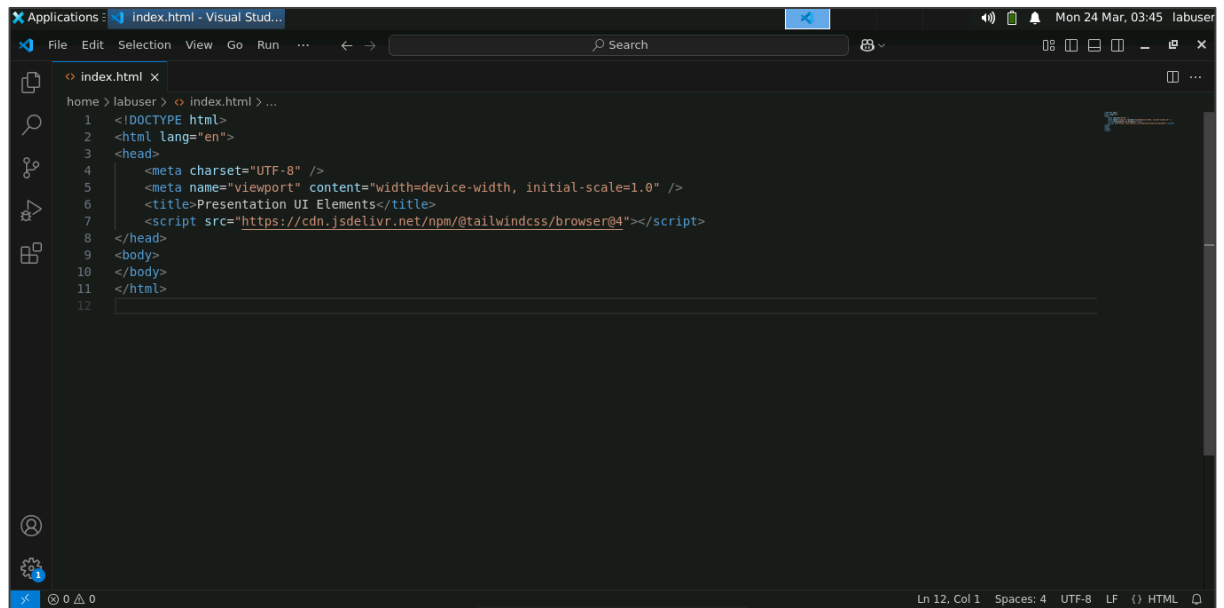1.5 Insert the following base HTML structure into the index.html file:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Presentation UI Elements</title>
    <script src="https://cdn.jsdelivr.net/npm/@tailwindcss/browser@4"></script>
</head>
<body>
</body>
</html>
```

Step 2: Add and style presentation UI components

2.1 Modify the index.html file to style the hero section, table, and list components:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Presentation UI Elements</title>
    <script src="https://cdn.jsdelivr.net/npm/@tailwindcss/browser@4"></script>
</head>
<body>
    <div class="container mx-auto">
        <!-- Hero Section -->
        <section class="bg-blue-600 text-white py-20 px-5 text-center rounded-lg">
            <div class="max-w-3xl mx-auto">
                <h1 class="text-4xl font-bold mb-4">Welcome to Tailwind CSS.</h1>
                <p class="text-lg mb-6">Learn how to create modern UI components with Tailwind CSS.</p>
                <a href="#" class="bg-white text-blue-600 px-6 py-3 rounded-lg shadow-md hover:bg-gray-100 transition duration-300">
                    Get Started
```

```html
        </a>
      </div>
    </section>

    <!-- Table Section -->
    <p class="text-4xl mt-10 mb-5">User Information</p>
    <div class="overflow-x-auto my-10">
      <table class="min-w-full bg-white border border-gray-300 shadow-md
rounded-lg">
        <thead>
          <tr class="bg-gray-200">
            <th class="py-3 px-6 border-b text-left">Name</th>
            <th class="py-3 px-6 border-b text-left">Email</th>
            <th class="py-3 px-6 border-b text-left">Role</th>
          </tr>
        </thead>
        <tbody>
          <tr class="hover:bg-gray-100">
            <td class="py-4 px-6 border-b">John Doe</td>
            <td class="py-4 px-6 border-b">john@example.com</td>
            <td class="py-4 px-6 border-b">Admin</td>
          </tr>
          <tr class="hover:bg-gray-100">
            <td class="py-4 px-6 border-b">Jane Smith</td>
            <td class="py-4 px-6 border-b">jane@example.com</td>
            <td class="py-4 px-6 border-b">User</td>
          </tr>
          <tr class="hover:bg-gray-100">
            <td class="py-4 px-6 border-b">Michael Johnson</td>
            <td class="py-4 px-6 border-b">michael@example.com</td>
            <td class="py-4 px-6 border-b">Moderator</td>
          </tr>
        </tbody>
      </table>
    </div>

    <!-- List Group Section -->
    <p class="text-4xl mt-10 mb-5">Top Users</p>
    <div class="max-w-md my-10 bg-white rounded-lg overflow-hidden">
      <ul>
        <li class="border-b px-6 py-4 hover:bg-gray-100">Anne</li>
```
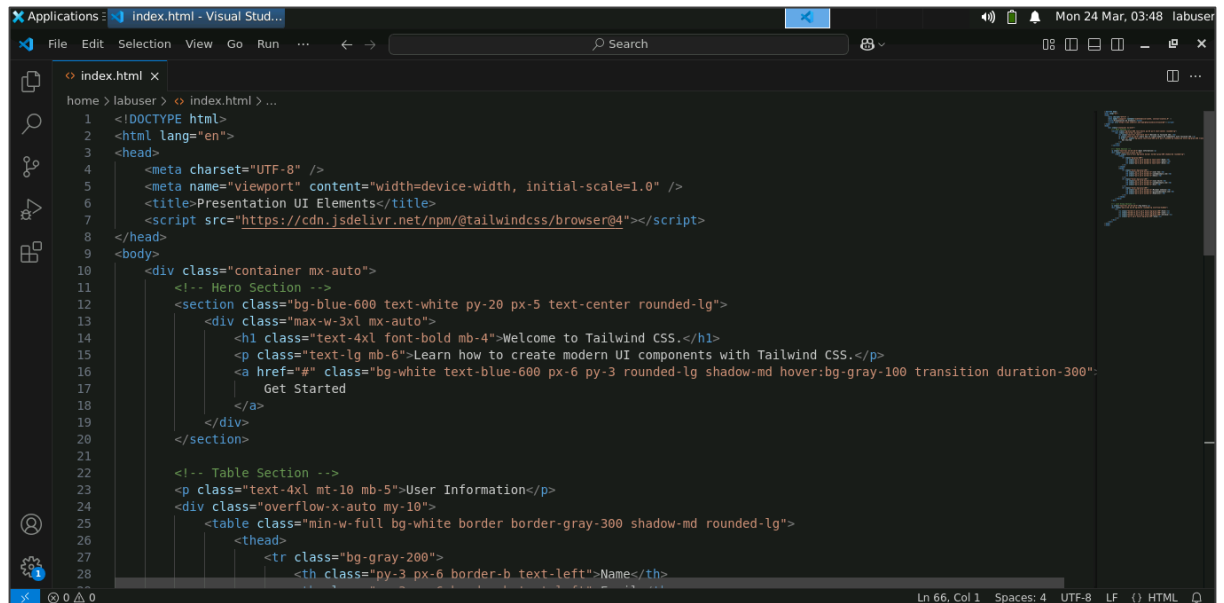
```
            <li class="border-b px-6 py-4 hover:bg-gray-100">John</li>
            <li class="border-b px-6 py-4 hover:bg-gray-100">Ibrahim</li>
            <li class="px-6 py-4 hover:bg-gray-100">Ajay</li>
        </ul>
      </div>
    </div>
</body>
</html>
```
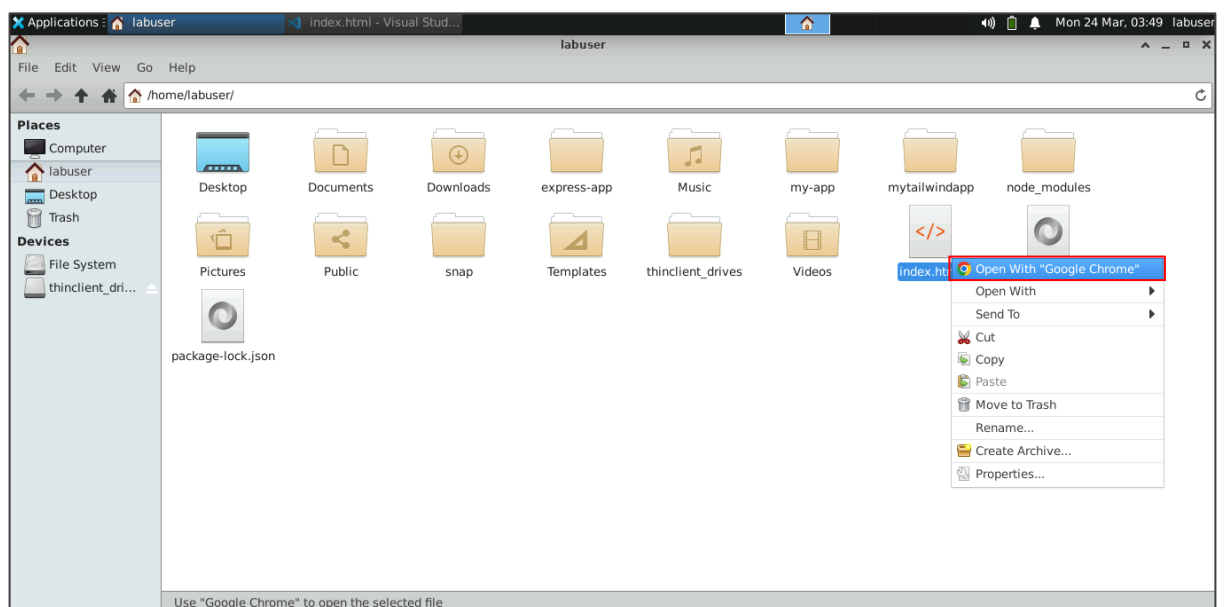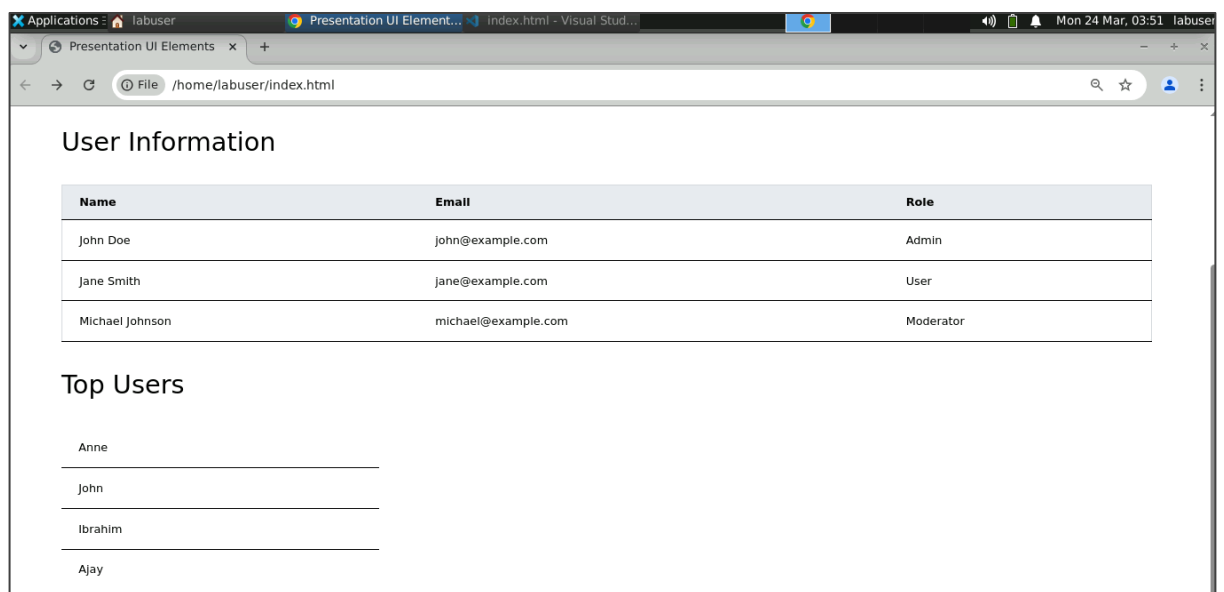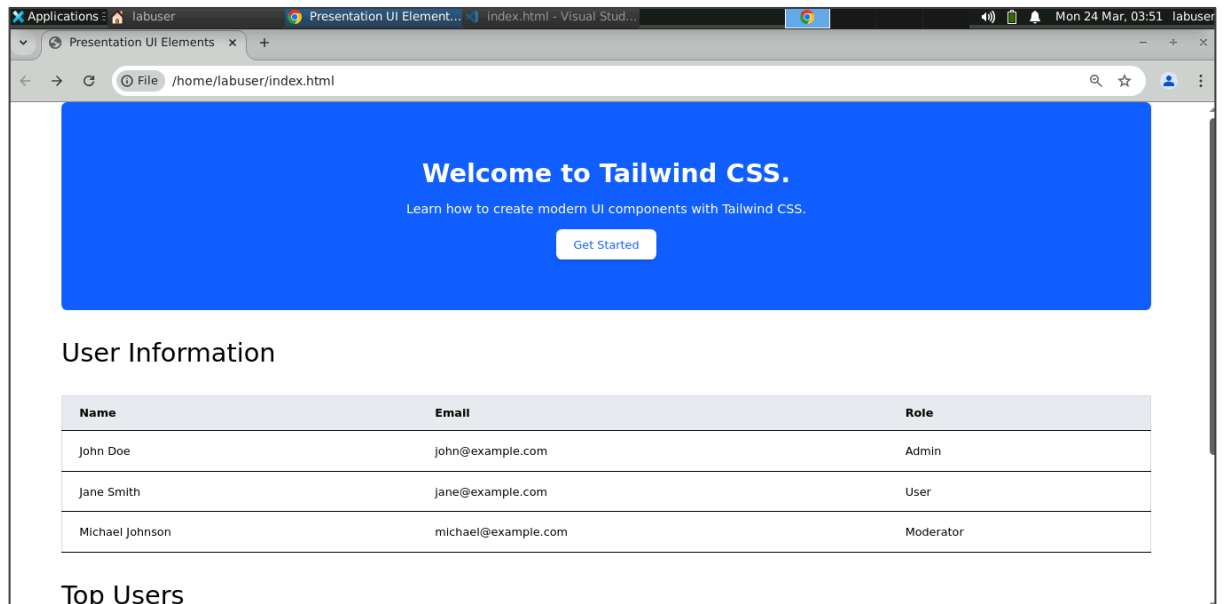

2.2 Navigate to the index.html file, right-click on the file, and select **Open With "Google Chrome"**

2.3 Verify that the hero section, user table, and list group are displayed as expected

By following the above steps, you have successfully styled presentation UI elements using Tailwind CSS utility classes. This included building a visually engaging hero section, a structured data table, and a clean list group.