Lesson 06 Demo 03

Demonstrating Typography Using Tailwind CSS

Objective: To demonstrate text font sizing, colors, and alignment options, using Tailwind CSS to enhance readability, improve design consistency, and create visually appealing web pages with minimal effort
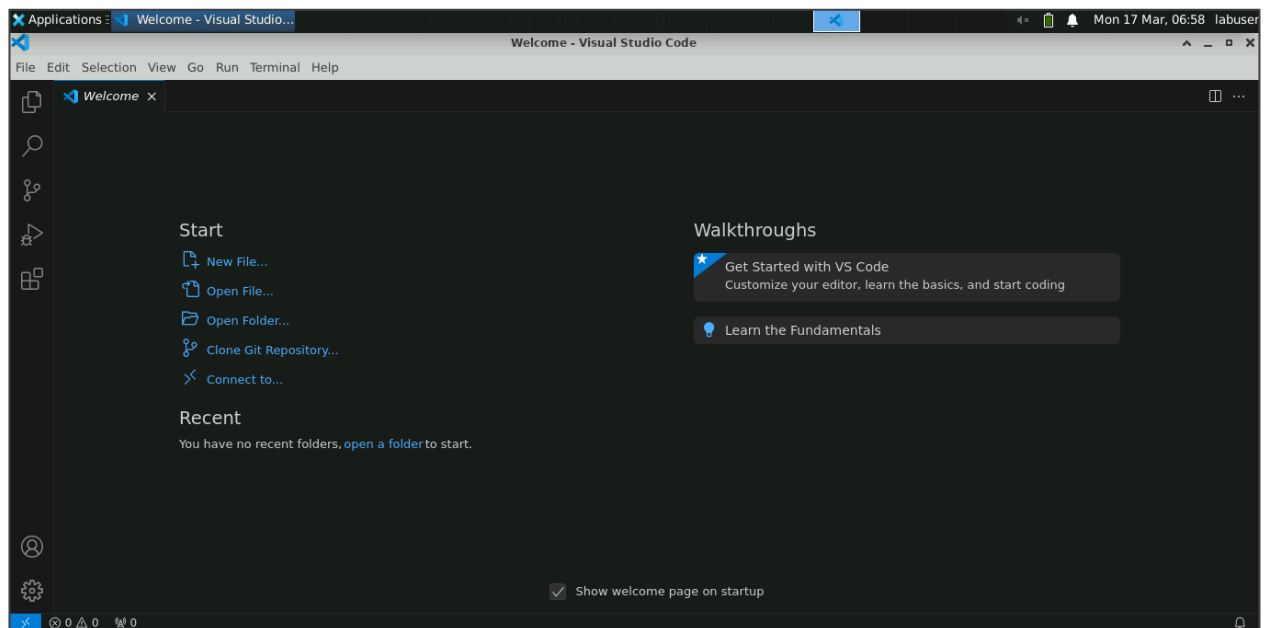
Tools required: Visual Studio Code

Prerequisites: None
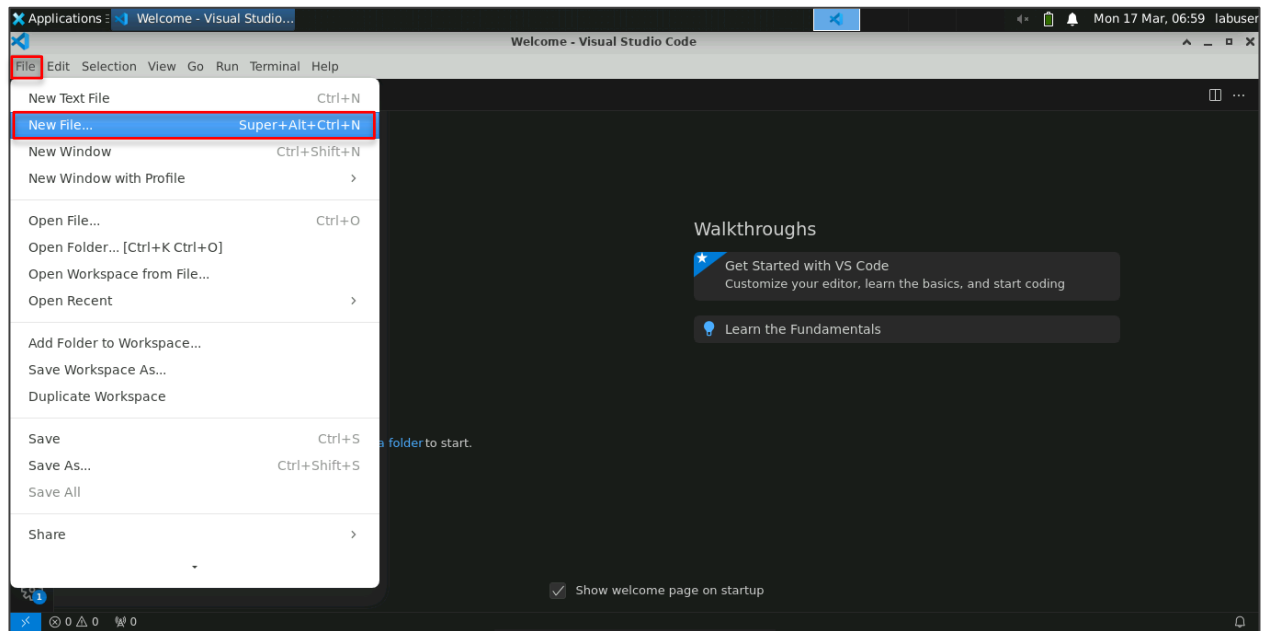
Steps to be followed:
1. Create an HTML file
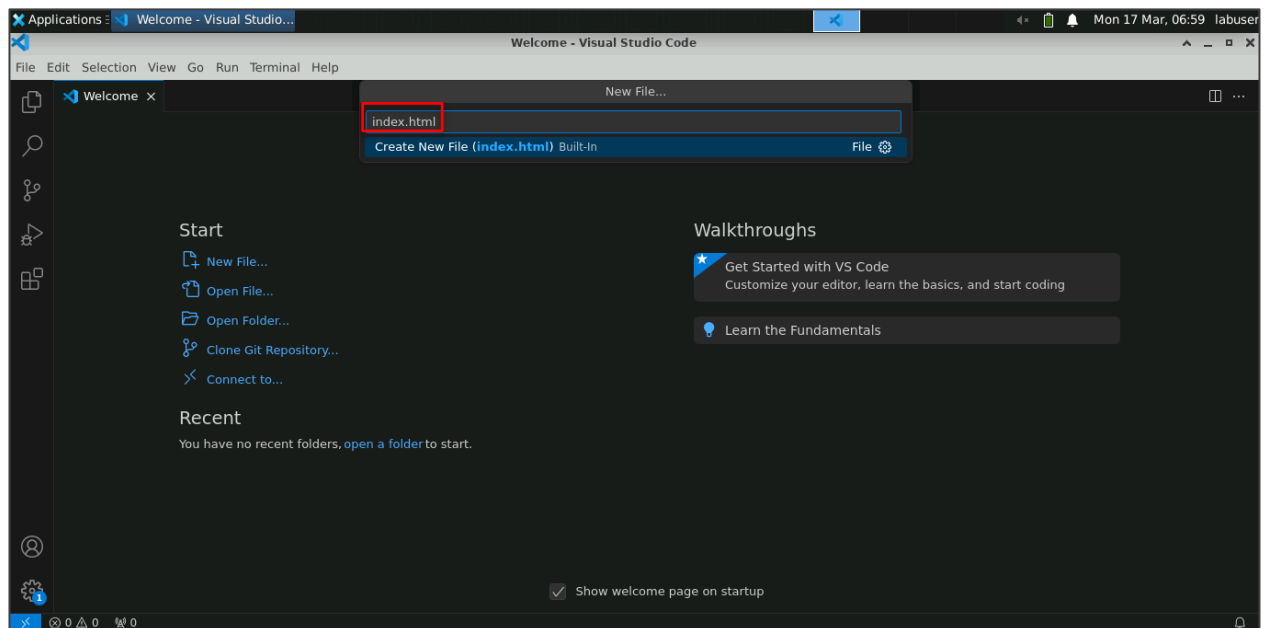2. Add typography-related code

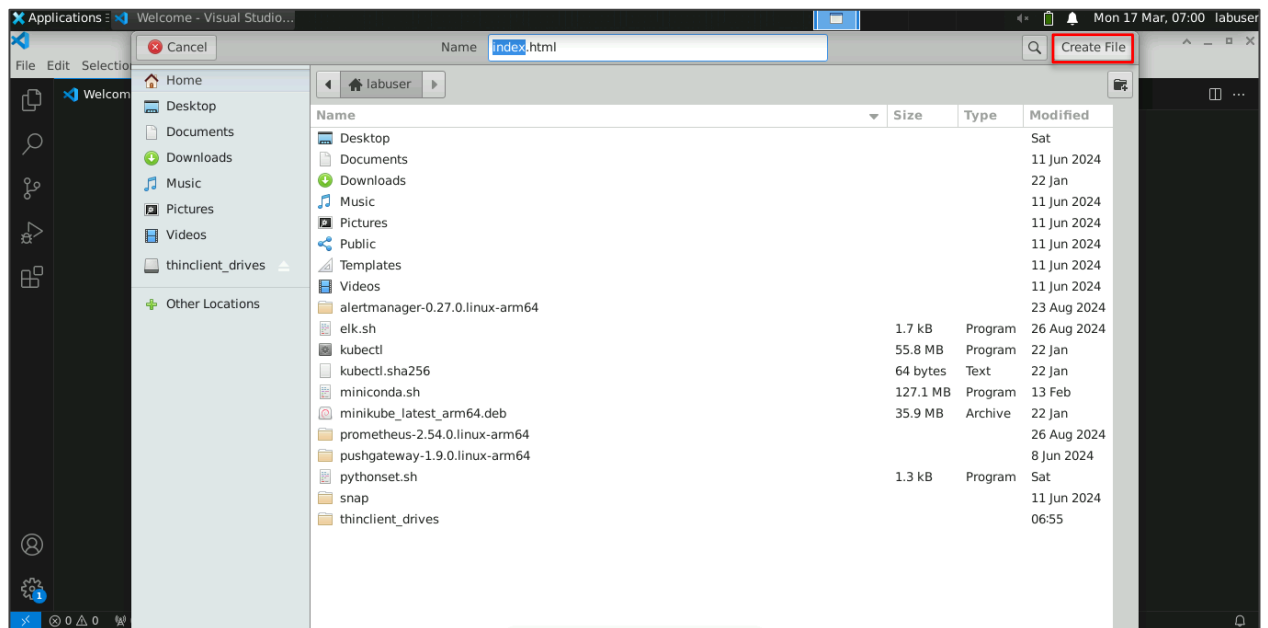## Step 1: Create an HTML file

1.1 Navigate to Visual Studio Code

1.2 Click on **File** and then select **New File...**

1.3 Enter **index.html** as the file name

1.4 Click on **Create File**

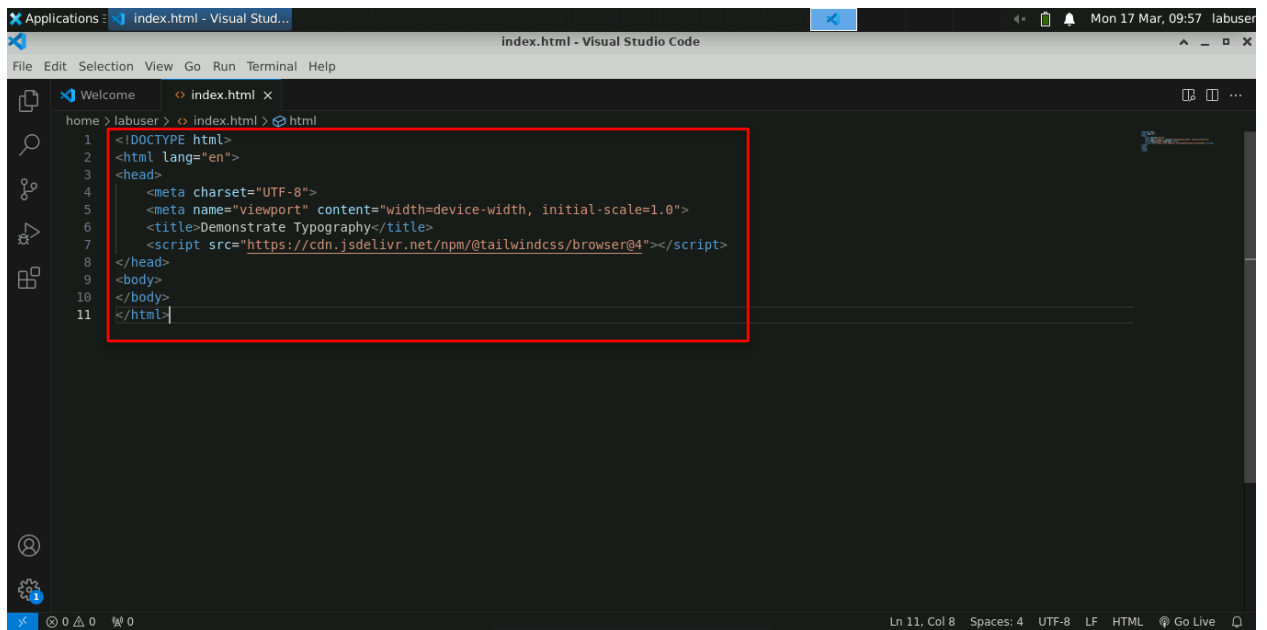## 1.5 Add the following boilerplate code to the index.html file:

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

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

Step 2: Add typography-related code

2.1 Inside the <body> section of the index.html file, add the following code:

```html
<div class="container mx-auto p-4">
    <h1 class="text-5xl">Let's explore a few font sizes.</h1>
    <p class="text-sm mt-5">This text is small.</p>
    <p class="text-base mt-2">This text is base (normal) size.</p>
    <p class="text-lg mt-2">This text is large.</p>
    <p class="text-xl mt-2">This text is extra-large.</p>
    <p class="text-2xl mt-2">This text is 2 times extra-large.</p>

    <h1 class="text-5xl mt-5">Let's explore a few text colors.</h1>
    <p class="text-base mt-5 text-red-50">This text is minimum red.</p>
    <p class="text-base mt-2 text-red-500">This text is red.</p>
    <p class="text-base mt-2 text-red-950">This text is deep red.</p>
    <p class="text-base mt-2 text-blue-500">This text is blue.</p>
    <p class="text-base mt-2 text-green-500">This text is green.</p>
    <p class="text-base mt-2 text-yellow-500">This text is yellow.</p>
    <p class="text-base mt-2 text-purple-500">This text is purple.</p>

    <h1 class="text-5xl mt-5">Let's explore a few text alignment utilities.</h1>
```

```
<p class="text-base mt-5 text-left">Left aligned text</p>
<p class="text-base mt-2 text-center">Center aligned text</p>
<p class="text-base mt-2 text-right">Right aligned text</p>
<p class="text-base mt-2 text-justify">
    This is a dummy long text paragraph and is justified. Lorem ipsum dolor sit amet,
consectetur adipiscing elit. Praesent volutpat nunc ac risus sollicitudin, eget
vulputate mauris consectetur.
    </p>
</div>
```
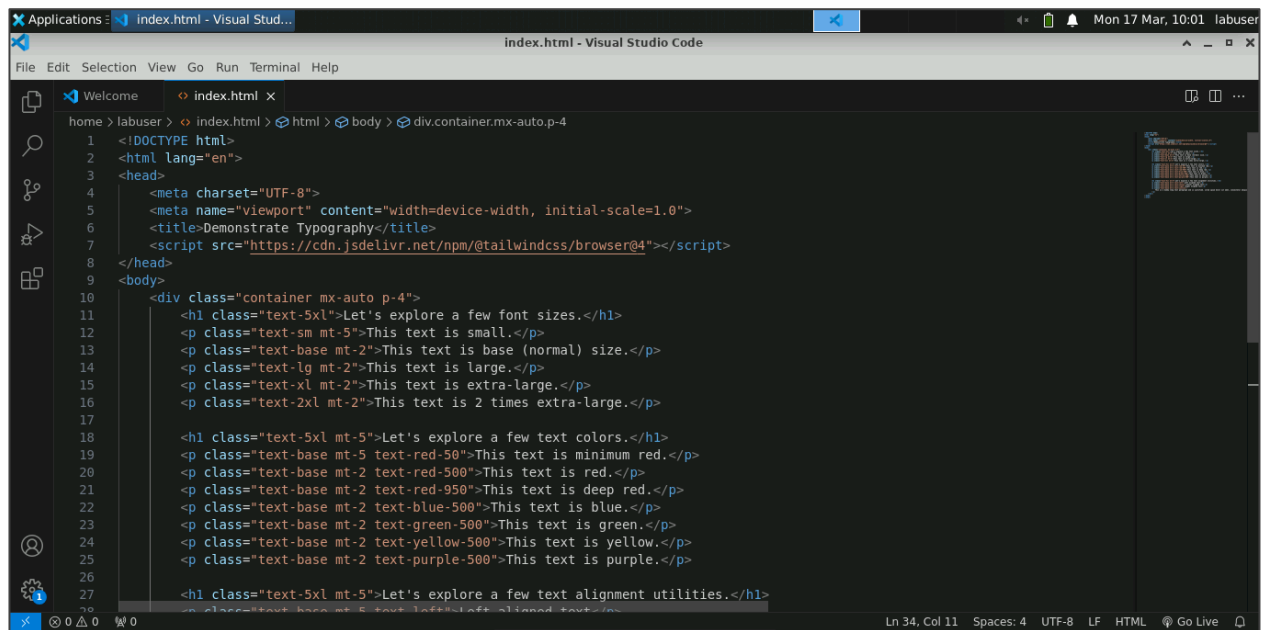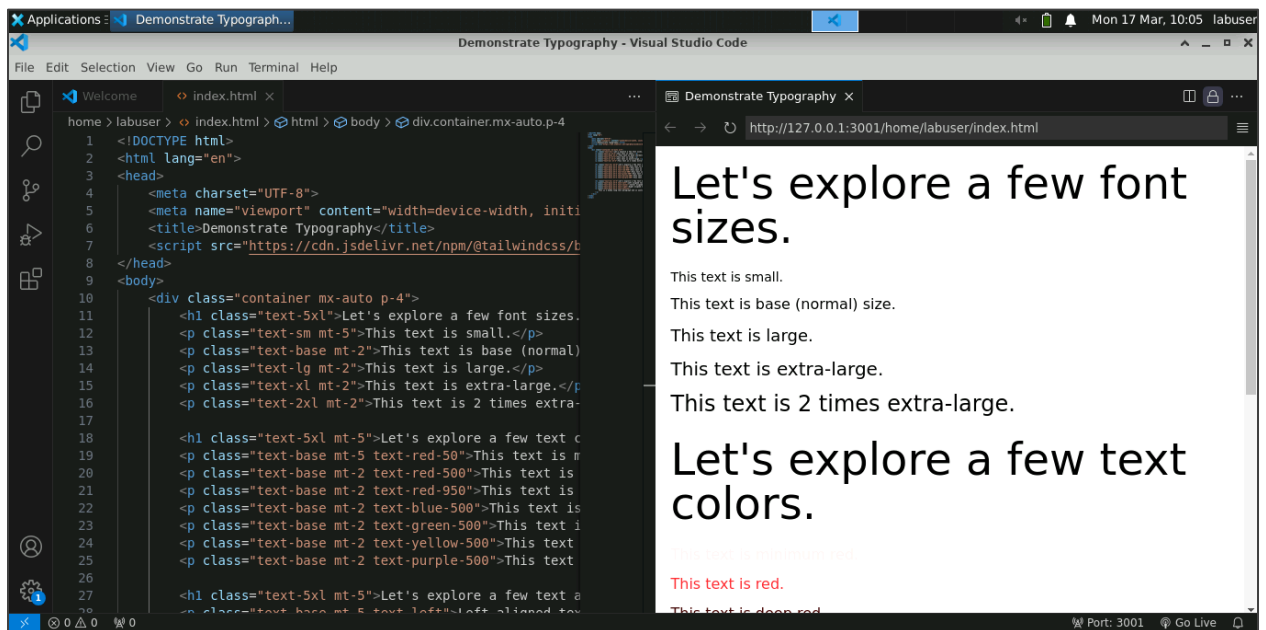

VS Code editor showing index.html:

```
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
6       <title>Demonstrate Typography</title>
7       <script src="https://cdn.jsdelivr.net/npm/@tailwindcss/browser@4"></script>
8   </head>
9   <body>
10      <div class="container mx-auto p-4">
11          <h1 class="text-5xl">Let's explore a few font sizes.</h1>
12          <p class="text-sm mt-5">This text is small.</p>
13          <p class="text-base mt-2">This text is base (normal) size.</p>
14          <p class="text-lg mt-2">This text is large.</p>
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18          <h1 class="text-5xl mt-5">Let's explore a few text colors.</h1>
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23          <p class="text-base mt-2 text-green-500">This text is green.</p>
24          <p class="text-base mt-2 text-yellow-500">This text is yellow.</p>
25          <p class="text-base mt-2 text-purple-500">This text is purple.</p>
26
27          <h1 class="text-5xl mt-5">Let's explore a few text alignment utilities.</h1>
```
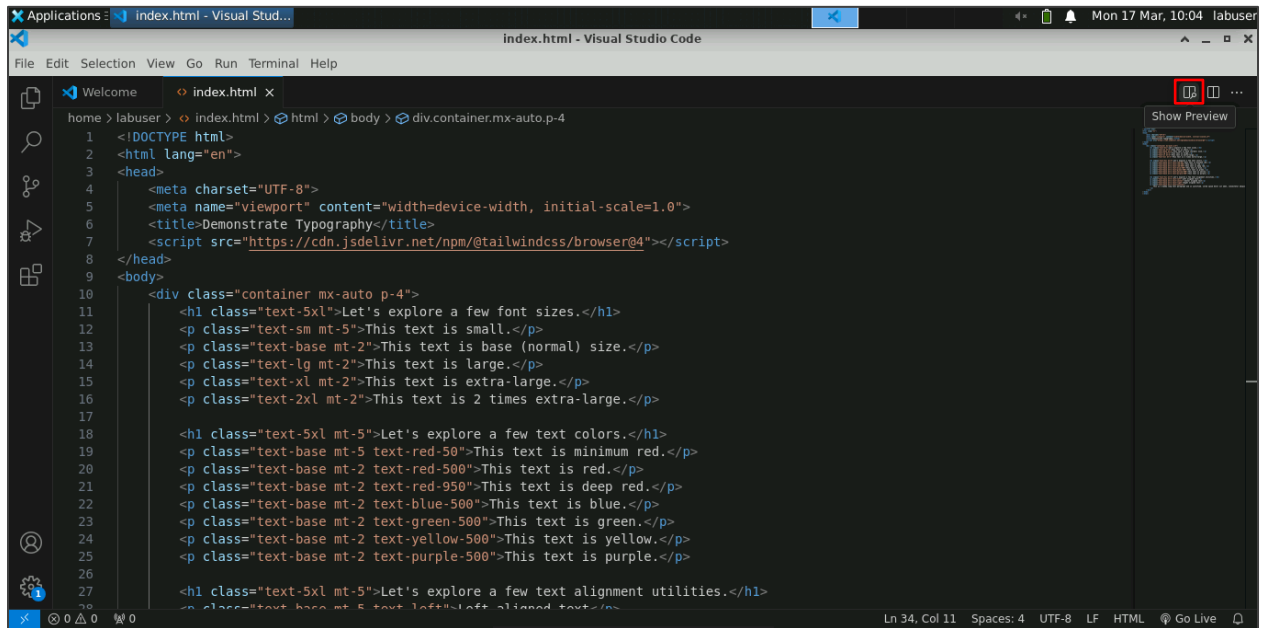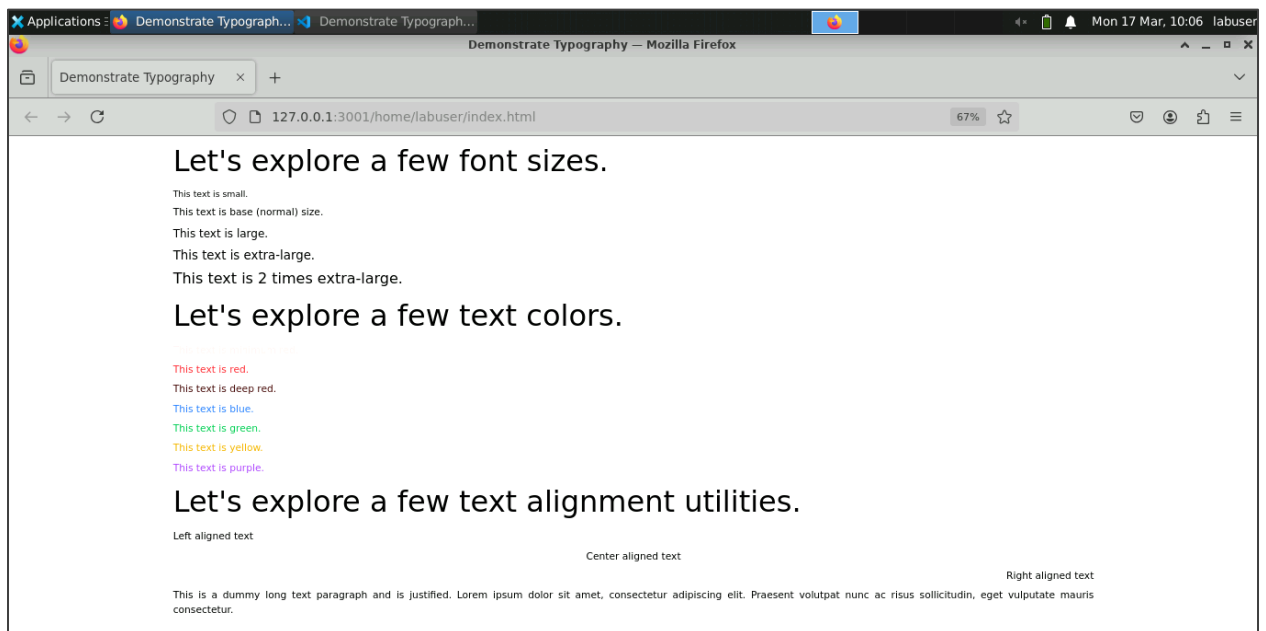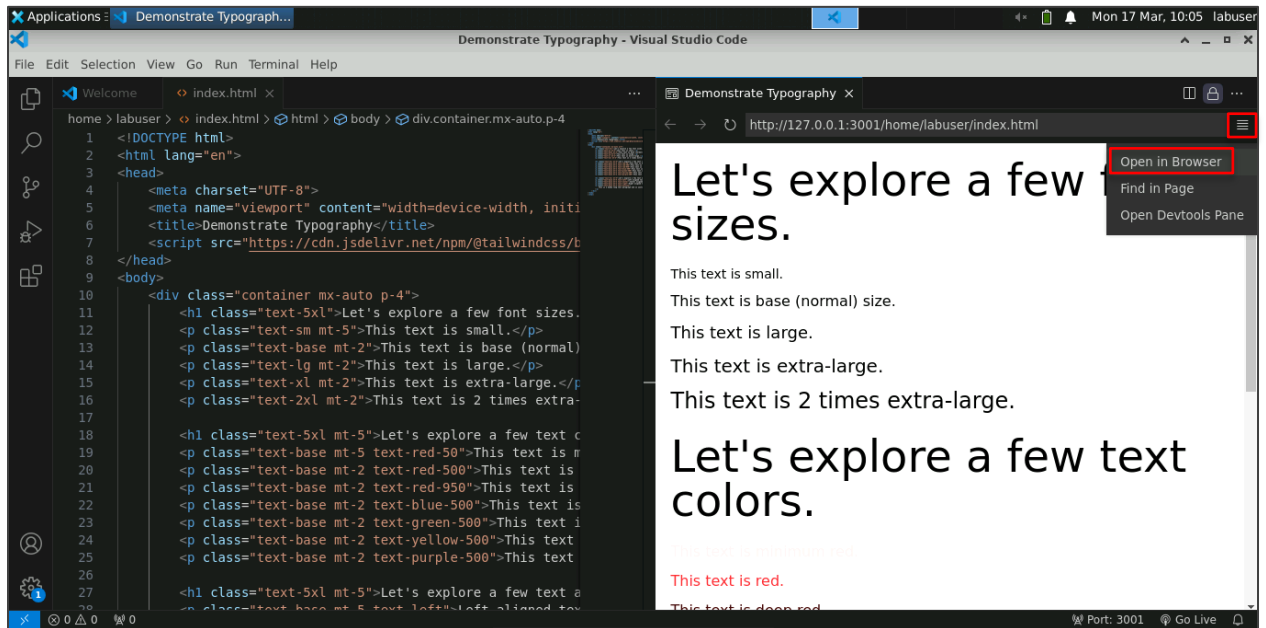
2.2 Click on the Show Preview icon

2.3 Click on more options icon and select **Open in Browser**

By following the above steps, you have successfully demonstrated how to use Tailwind CSS for typography styling, including font sizing, text colors, and text alignment. This knowledge will enable you to create visually appealing and well-structured web pages with improved readability and design consistency using Tailwind's utility classes.