

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

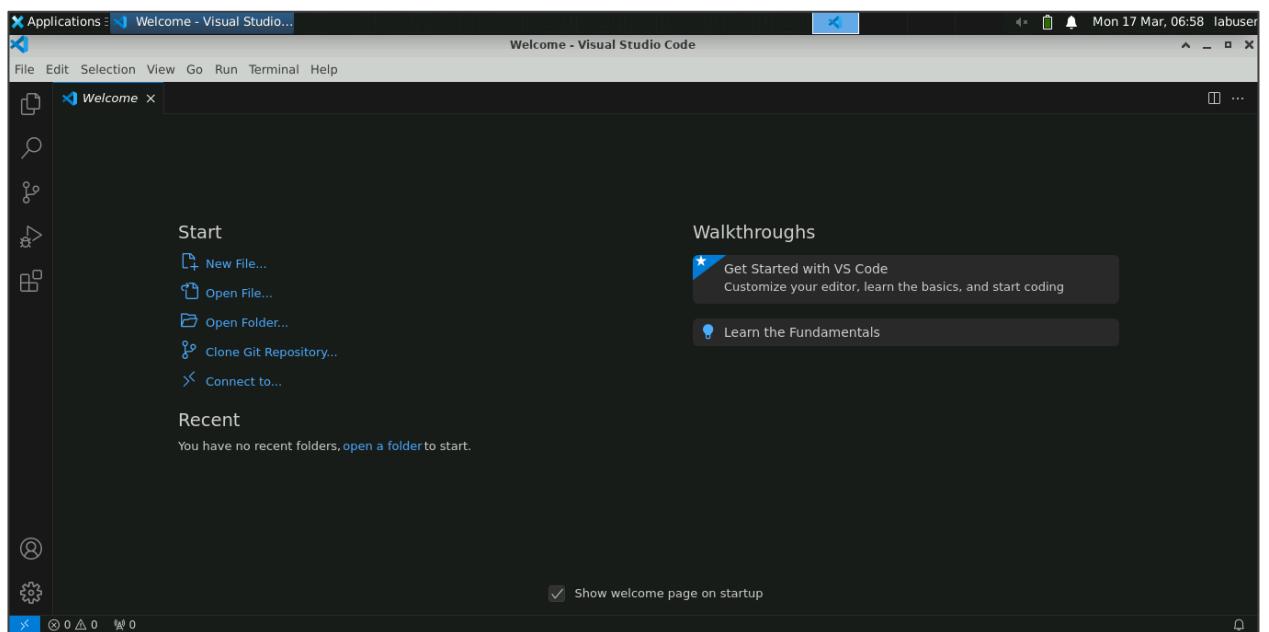
Prerequisites: None

Steps to be followed:

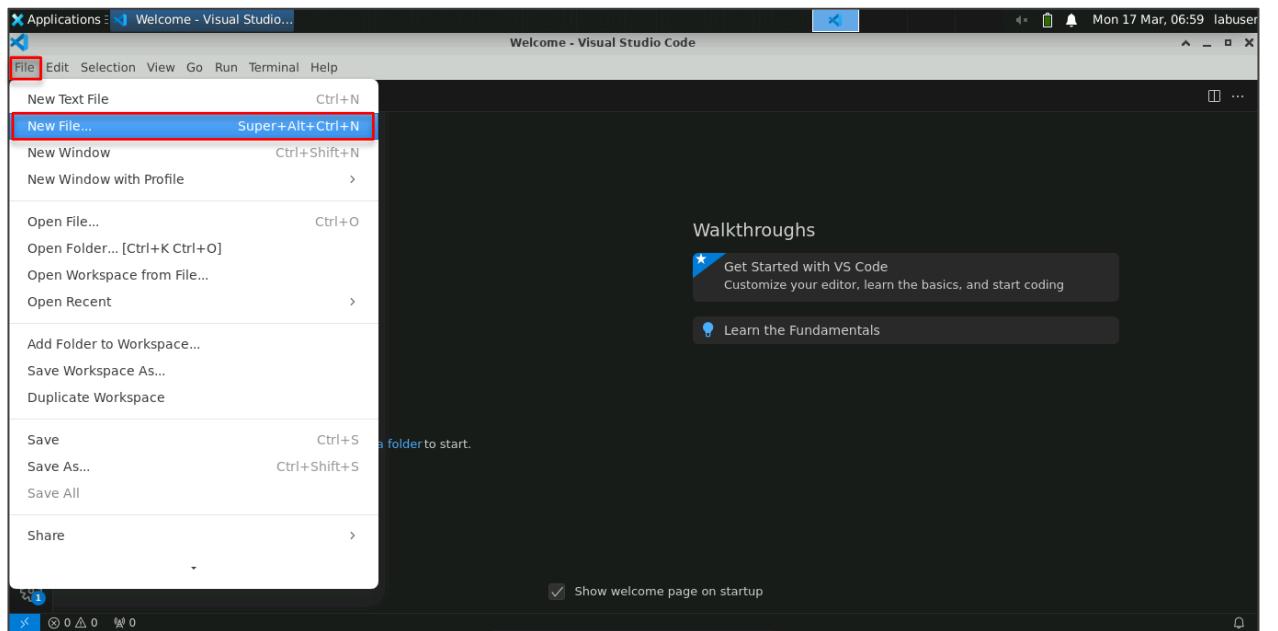
1. Create an HTML file
2. Add typography-related code

Step 1: Create an HTML file

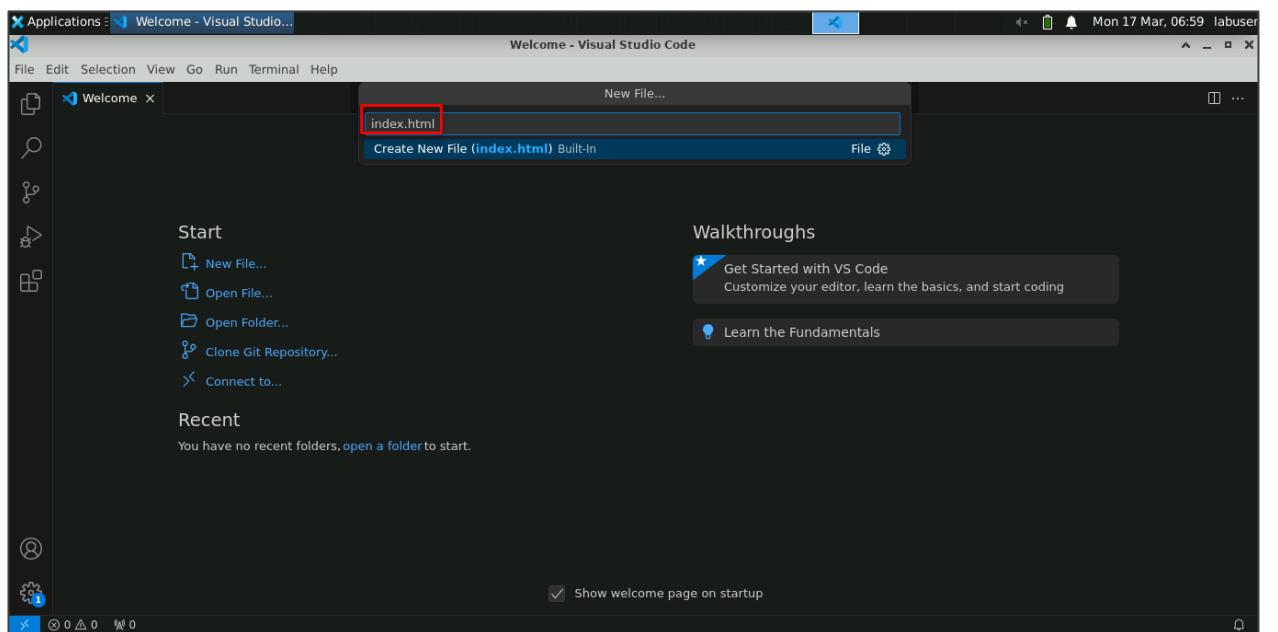
1.1 Navigate to Visual Studio Code



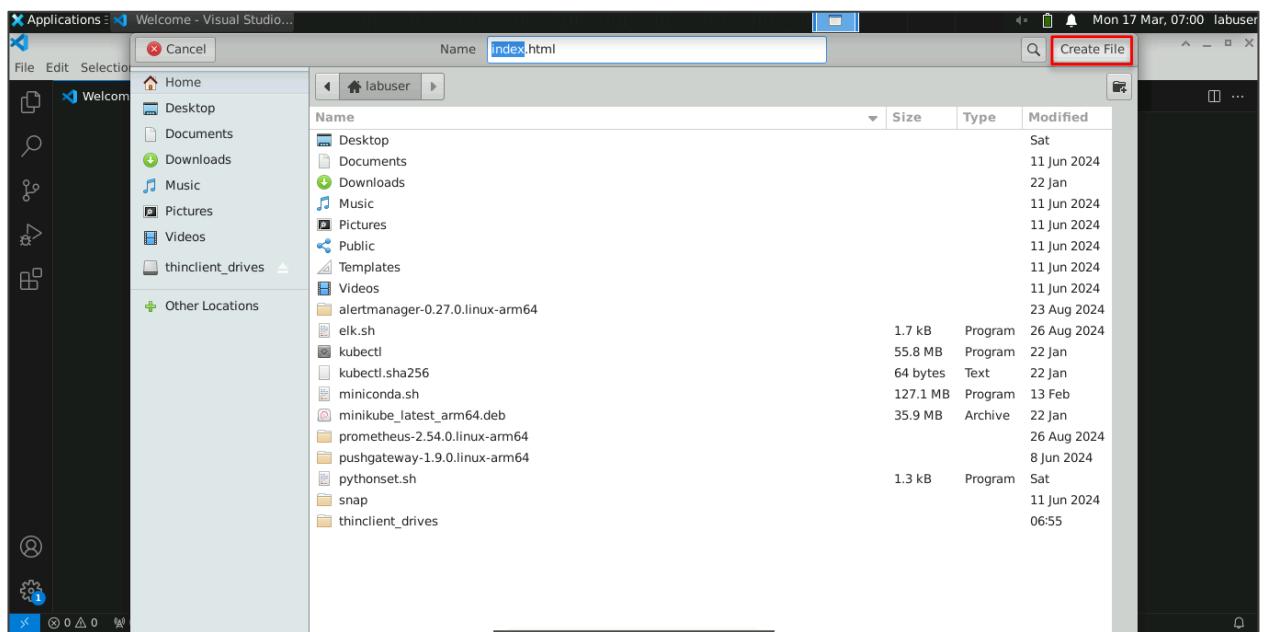
1.2 Click on **File** and then select **New File...**



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

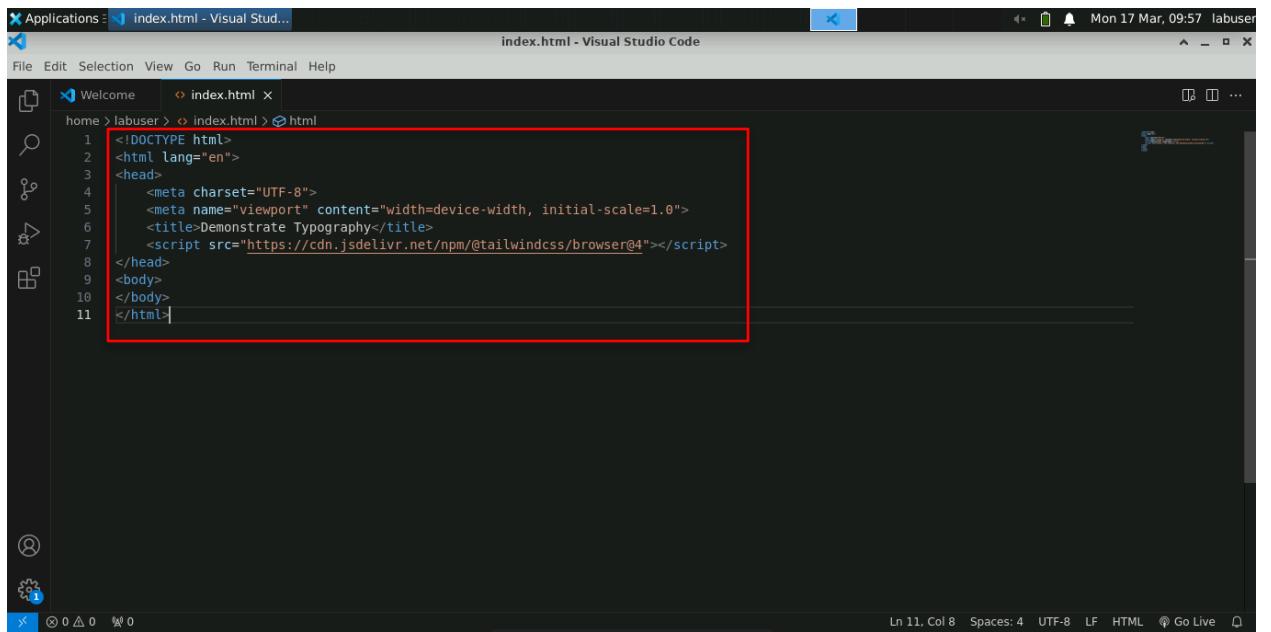


1.4 Click on Create File



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>
```



```
<!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:

```
<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>

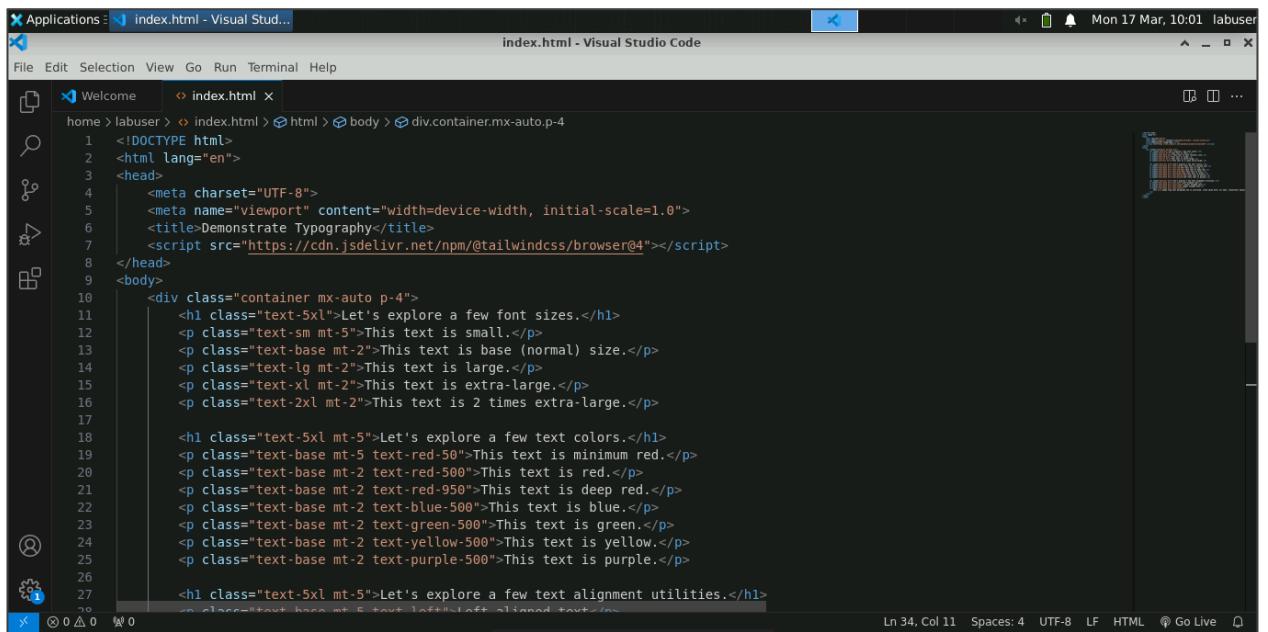
    <h1 class="text-5xl mt-5">Let's explore a few text colors.</h1>
    <p class="text-base mt-5 text-red-50">This text is minimum red.</p>
    <p class="text-base mt-2 text-red-500">This text is red.</p>
    <p class="text-base mt-2 text-red-950">This text is deep red.</p>
    <p class="text-base mt-2 text-blue-500">This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

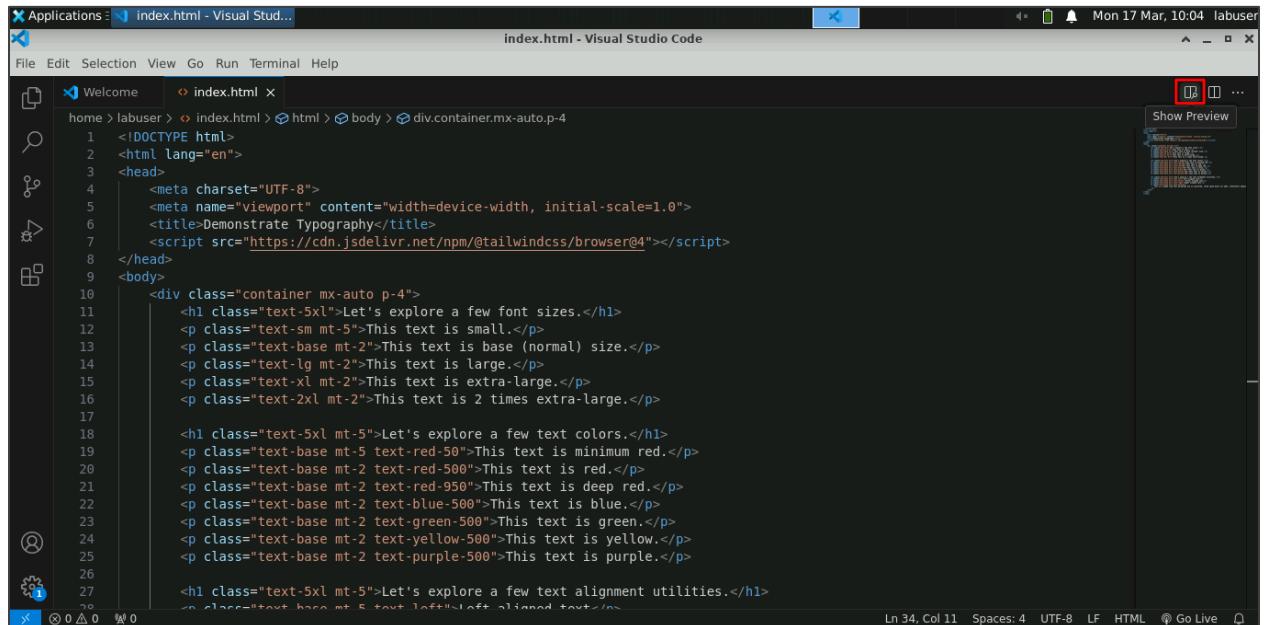


The screenshot shows the Visual Studio Code interface with the file `index.html` open. The code editor displays the following HTML and Tailwind CSS utility classes:

```
<!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@4" type="module"></script>
</head>
<body>
  <div class="container mx-auto p-4">
    <h1 class="text-5xl mt-5">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>
    <br>
    <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>
    <br>
    <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>
```

The status bar at the bottom indicates the code has 34 lines, 11 columns, and is in UTF-8 encoding, with tabs and spaces set to 4. The language is HTML.

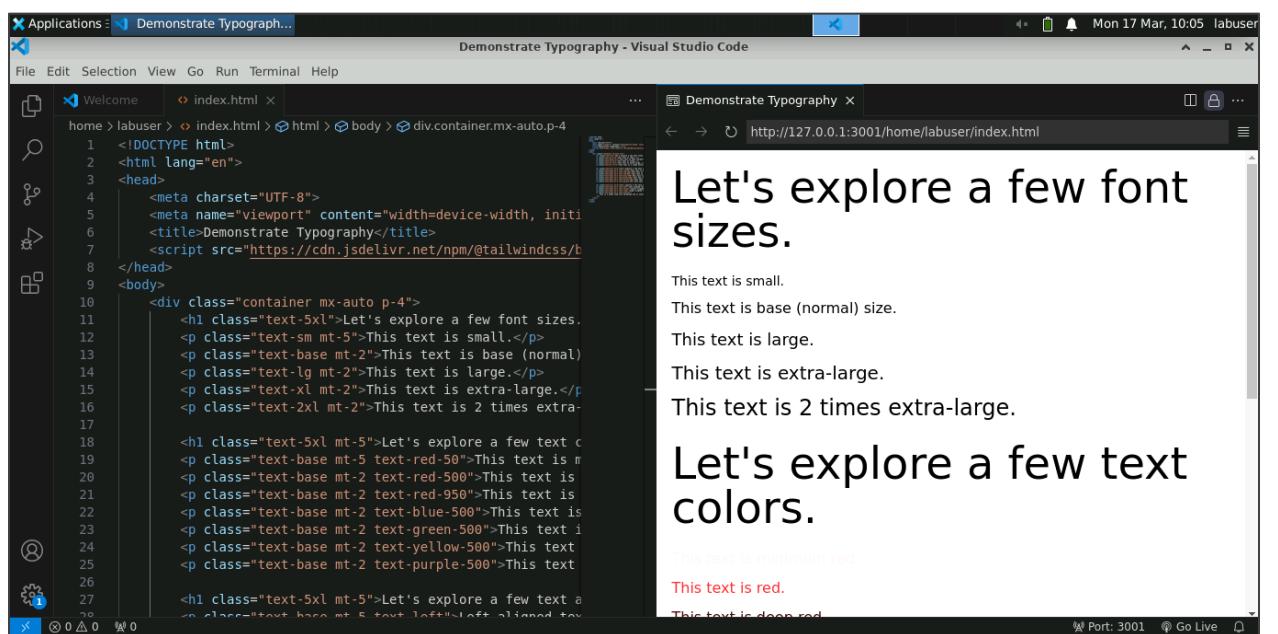
2.2 Click on the Show Preview icon



A screenshot of the Visual Studio Code interface. The title bar shows "Applications index.html - Visual Studio..." and "index.html - Visual Studio Code". The main area displays an HTML file with code demonstrating typography. On the right side, there is a "Preview" panel with a "Show Preview" button. The preview shows a simple web page with text examples. A red box highlights the "Show Preview" button.

```
<!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>
    <div class="container mx-auto p-4">
        <h1 class="text-5xl mt-5">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 font-italic font-bold text-left align-top">This text is italic bold left aligned top.</p>
    </div>
</body>
</html>
```

Ln 34, Col 11 Spaces: 4 UTF-8 LF HTML ⚡ Go Live



A screenshot of the Visual Studio Code interface showing the preview panel. The title bar says "Applications Demonstrate Typography..." and "Demonstrate Typography - Visual Studio Code". The preview panel shows a rendered version of the HTML code from the first screenshot. It features two main sections of text. The first section is titled "Let's explore a few font sizes." and contains five paragraphs of text in different font sizes: small, base, large, extra-large, and 2 times extra-large. The second section is titled "Let's explore a few text colors." and contains five paragraphs of text in different colors: minimum red, red, deep red, blue, and purple. Below each color-coded text, there is a corresponding text label: "This text is small.", "This text is base (normal) size.", "This text is large.", "This text is extra-large.", and "This text is 2 times extra-large." respectively. The preview panel also shows the URL "http://127.0.0.1:3001/home/labuser/index.html".

Demonstrate Typography

Let's explore a few font sizes.

This text is small.

This text is base (normal) size.

This text is large.

This text is extra-large.

This text is 2 times extra-large.

Let's explore a few text colors.

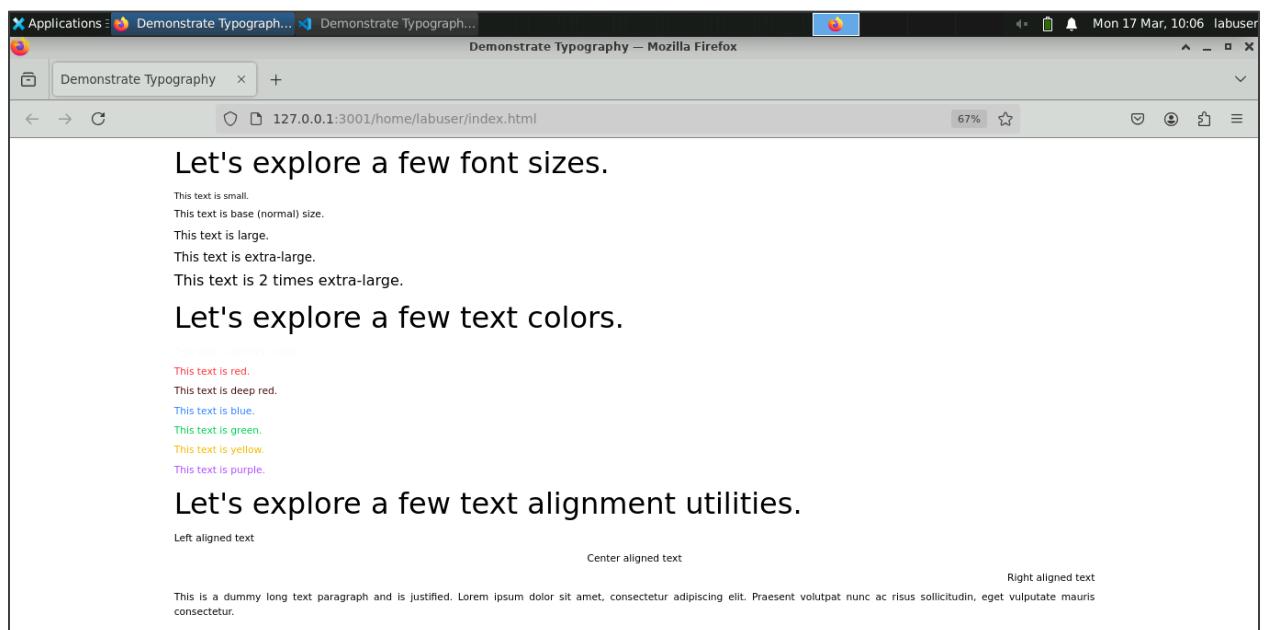
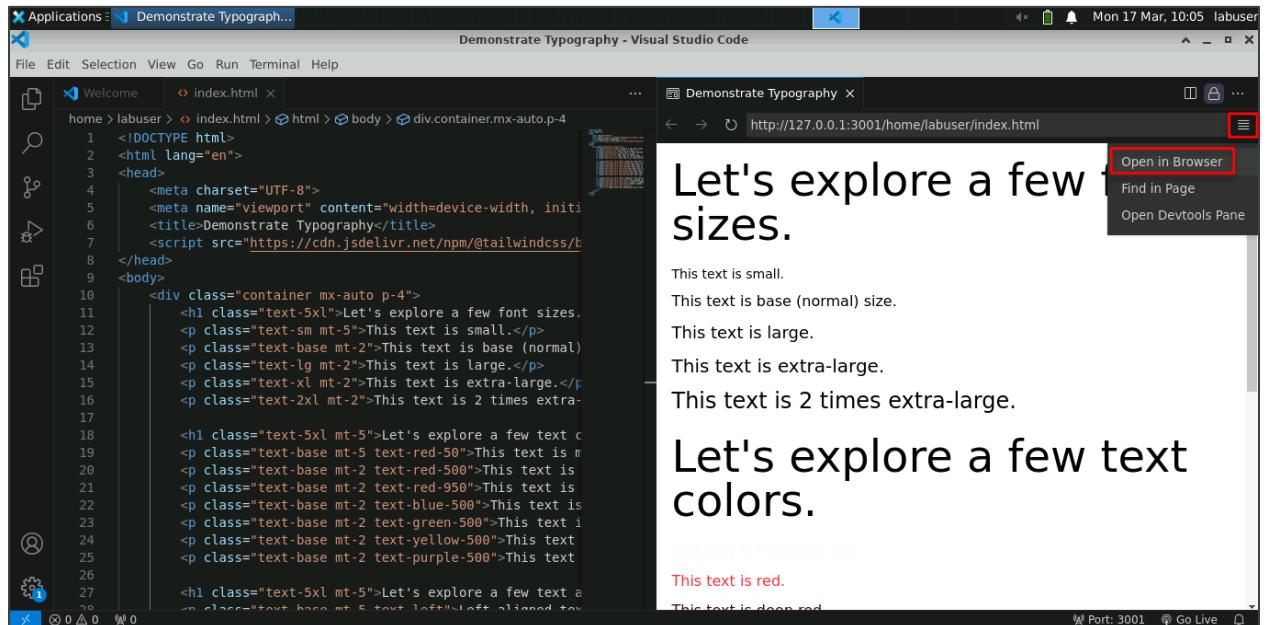
This text is minimum red.

This text is red.

This text is deep red.

Port: 3001 ⚡ Go Live

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.