Lesson 02 Demo 12

Using Grouping Selectors in HTML

Objective: To create an HTML file that applies CSS grouping selectors to efficiently style multiple elements at once

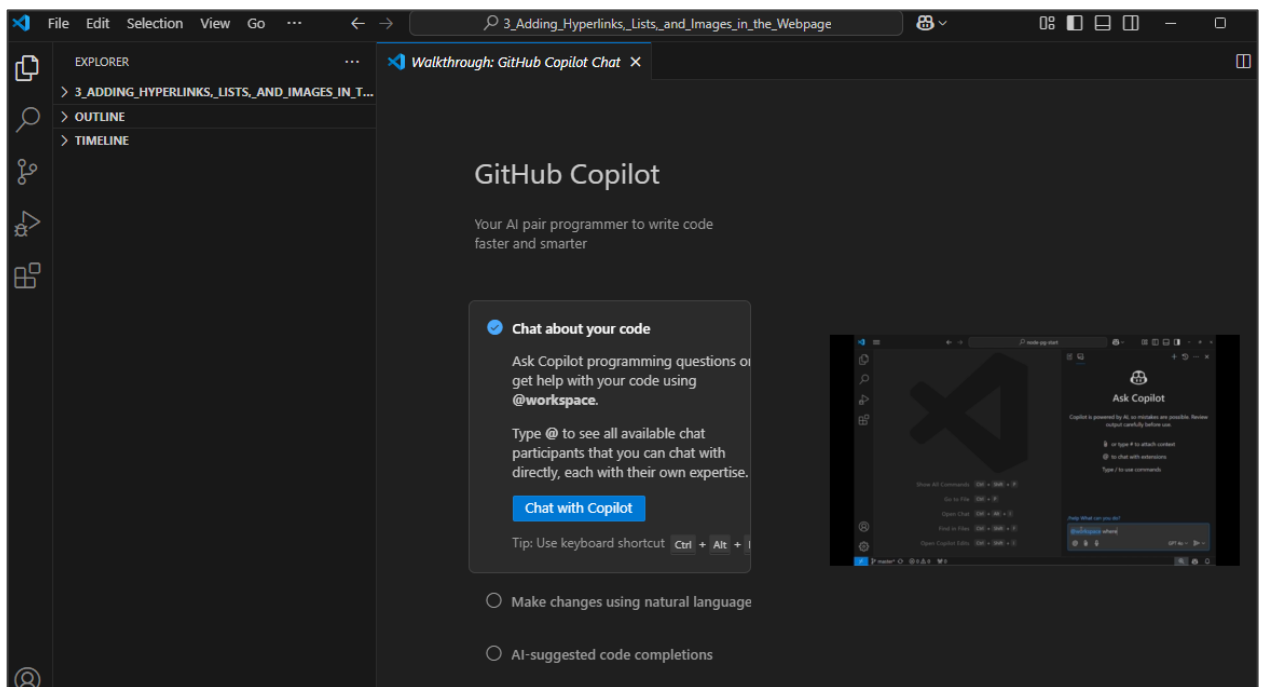**Tools required:** Visual Studio Code
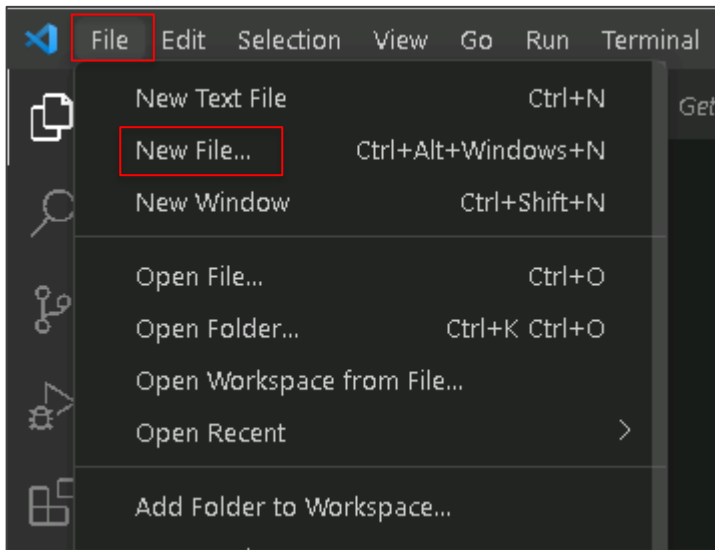
Prerequisites: None

Steps to be followed:

1. Create and add grouping selectors in HTML and CSS
2. View the output in a browser

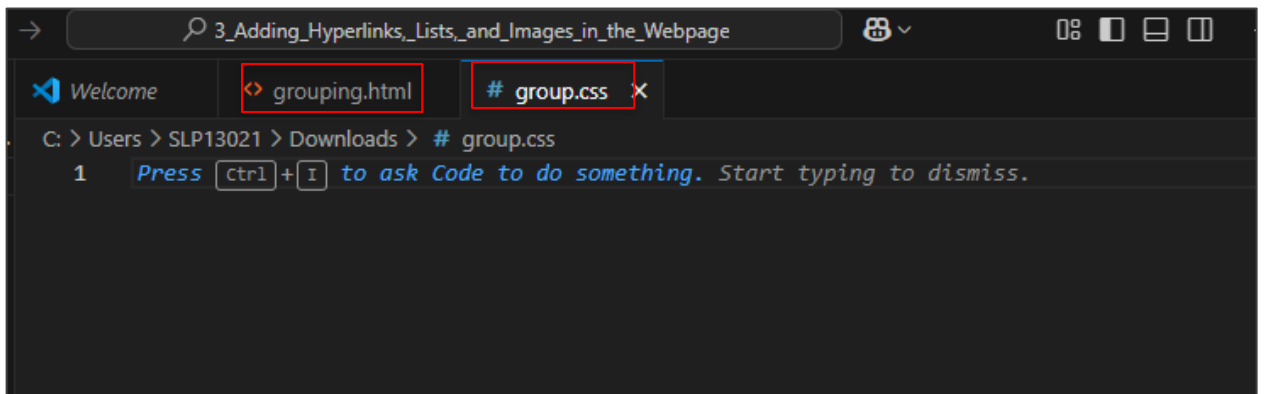## Step 1: Create and add grouping selectors in HTML and CSS

1.1. Open Visual Studio Code

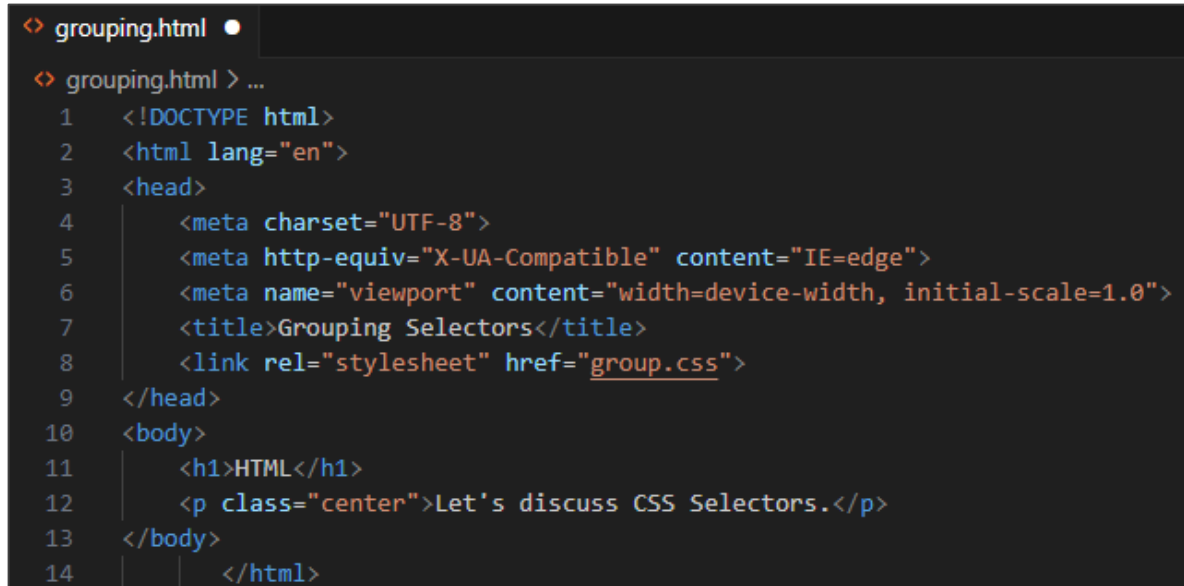1.2 Right-click on the **File** menu of the code editor and select **New File…**

1.3 Create a new HTML file named grouping.html and a CSS file named group.css

1.4 Add the following code to the grouping.html file:
<!DOCTYPE html>
<html lang="en">
<head>
** <meta charset="UTF-8">**
** <meta http-equiv="X-UA-Compatible" content="IE=edge">**
** <meta name="viewport" content="width=device-width, initial-scale=1.0">**
** <title>Grouping Selectors</title>**
** <link rel="stylesheet" href="group.css">**
</head>
<body>

```
    <h1>HTML</h1>
    <p class="center">Let's discuss CSS Selectors.</p>
 </body>
</html>
```

```
grouping.html
grouping.html > ...
 1     <!DOCTYPE html>
 2     <html lang="en">
 3     <head>
 4         <meta charset="UTF-8">
 5         <meta http-equiv="X-UA-Compatible" content="IE=edge">
 6         <meta name="viewport" content="width=device-width, initial-scale=1.0">
 7         <title>Grouping Selectors</title>
 8         <link rel="stylesheet" href="group.css">
 9     </head>
10     <body>
11         <h1>HTML</h1>
12         <p class="center">Let's discuss CSS Selectors.</p>
13     </body>
14           </html>
```
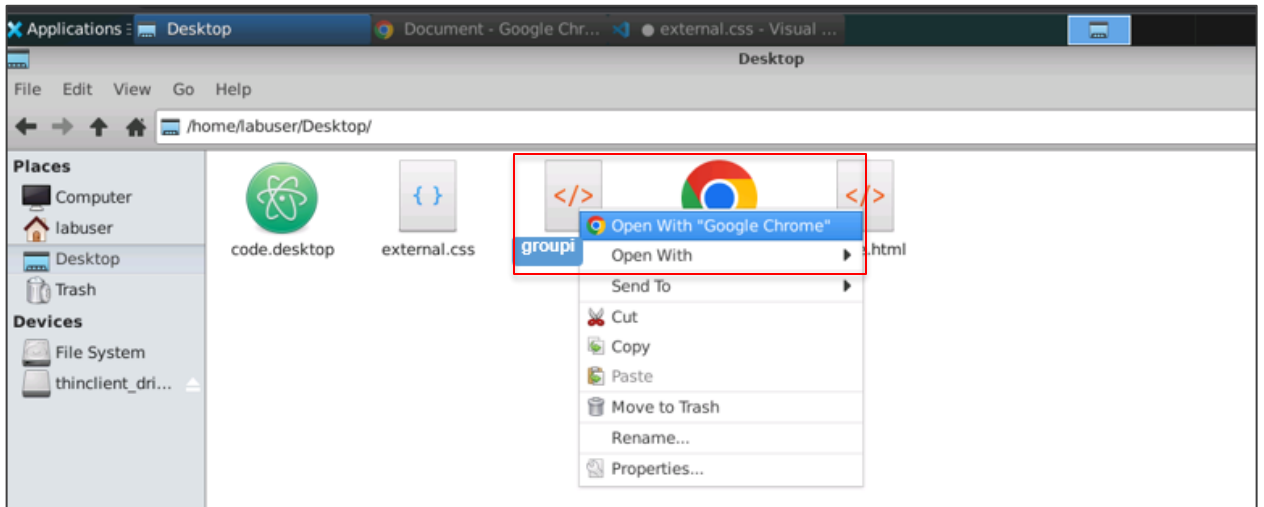
1.5 Add the following code to the group.css file:

h1, p, body {
    background-color: aquamarine;
    text-align: left;
}

```
Welcome   X    grouping.html        # group.css
C: > Users > SLP13021 > Downloads > # group.css > ...
 1 ⌄ h1, p, body {
 2         background-color: ▊aquamarine;
 3         text-align: left;
 4     }
 5     |
```

Step 2: View the output in a browser

2.1 Locate the grouping.html file, right-click on it, and select **Open With "Google Chrome"**

2.2 Ensure that the web page displays a light aquamarine background with left-aligned text for the heading and paragraph

By following these steps, you have successfully created an HTML file using grouping selectors in CSS to apply styles to multiple elements efficiently.