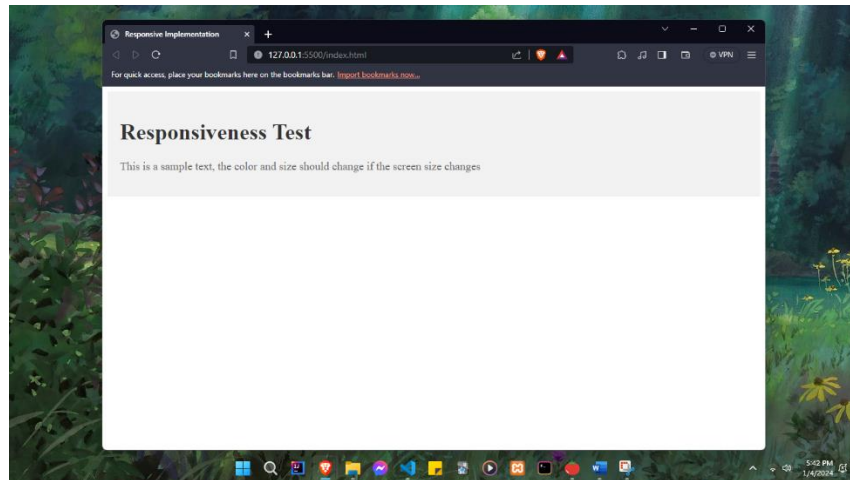


ACTIVITY #8: EXTERNAL CSS AND RESPONSIVENESS

In this challenge I will apply media queries and externalize my CSS file, I will send images/figures to properly demonstrate the changes.

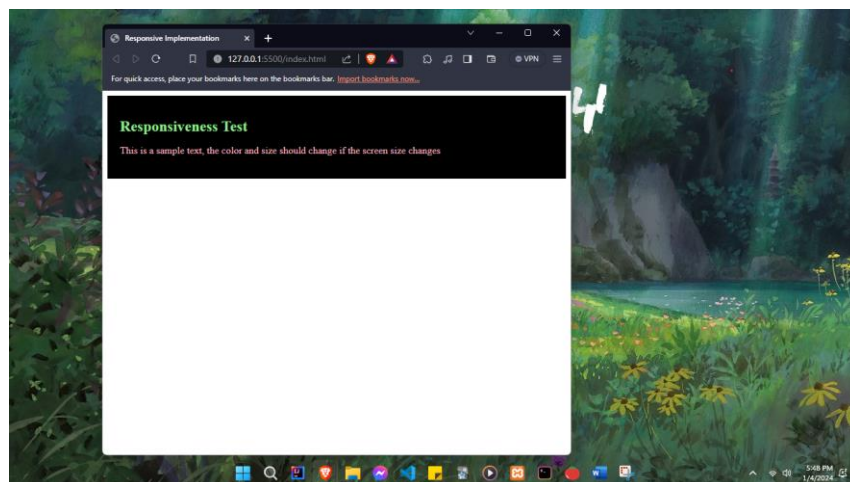
This is the default pixel size of a desktop/laptop, I didn't try to change the queries yet. Everything should appear normal

Figure 1:



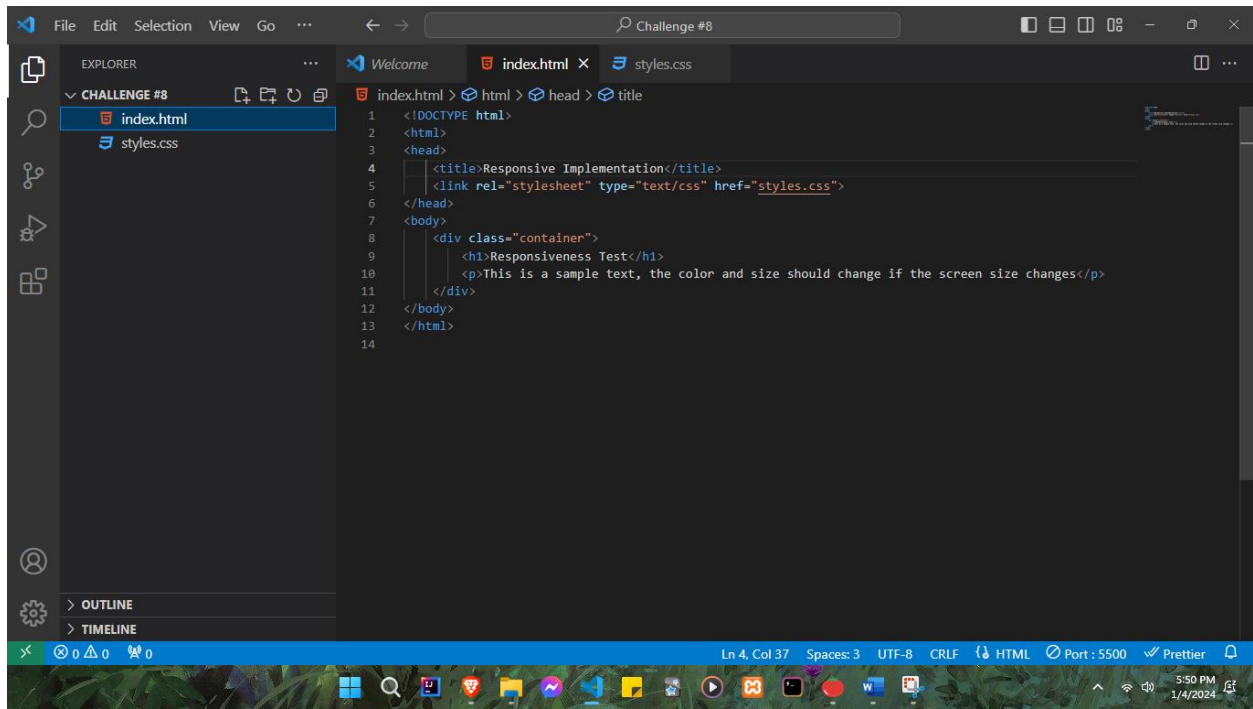
In this figure I did some changes to media queries to make the page responsive. I minimized my window by a small margin, once the 768px is met the paragraph should become smaller. To clearly see the difference, I also changed the font color and background color to demonstrate how media queries work and how handy it is.

Figure 2:



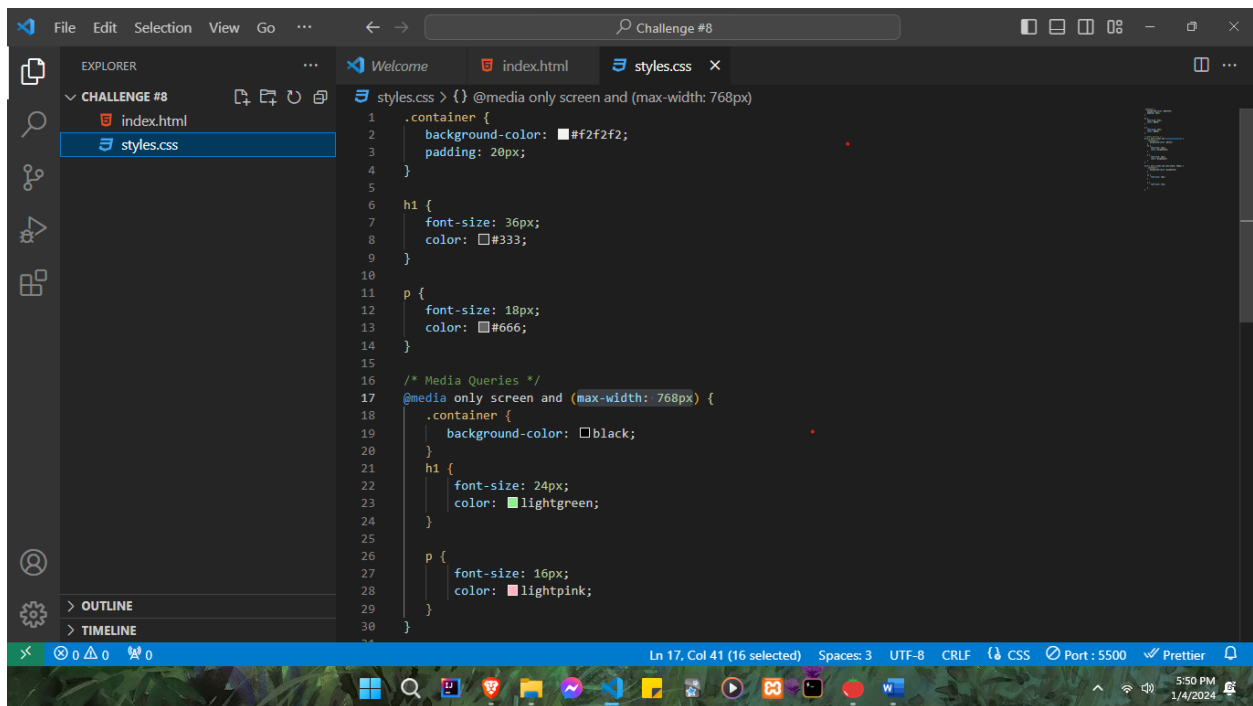
This the code

Figure 3:



A screenshot of the Visual Studio Code editor interface. The Explorer sidebar on the left shows a project named 'CHALLENGE #8' with two files: 'index.html' and 'styles.css'. The 'index.html' file is selected and its content is displayed in the main editor area. The code is an HTML document with a title 'Responsive Implementation', a link to 'styles.css', and a body containing a container with an h1 'Responsiveness Test' and a paragraph about screen size changes. The status bar at the bottom indicates 'Ln 4, Col 37', 'Spaces: 3', 'UTF-8', 'CRLF', 'HTML', 'Port: 5500', and 'Prettier'.

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Responsive Implementation</title>
5   <link rel="stylesheet" type="text/css" href="styles.css">
6 </head>
7 <body>
8   <div class="container">
9     <h1>Responsiveness Test</h1>
10    <p>This is a sample text, the color and size should change if the screen size changes</p>
11  </div>
12 </body>
13 </html>
14
```



A screenshot of the Visual Studio Code editor interface, showing the 'styles.css' file selected in the Explorer sidebar. The main editor displays CSS code for a container, h1, and p elements, including a media query for screens with a maximum width of 768px. The status bar at the bottom indicates 'Ln 17, Col 41 (16 selected)', 'Spaces: 3', 'UTF-8', 'CRLF', 'CSS', 'Port: 5500', and 'Prettier'.

```
1 .container {
2   background-color: #f2f2f2;
3   padding: 20px;
4 }
5
6 h1 {
7   font-size: 36px;
8   color: #333;
9 }
10
11 p {
12   font-size: 18px;
13   color: #666;
14 }
15
16 /* Media Queries */
17 @media only screen and (max-width: 768px) {
18   .container {
19     background-color: black;
20   }
21   h1 {
22     font-size: 24px;
23     color: lightgreen;
24   }
25   p {
26     font-size: 16px;
27     color: lightpink;
28   }
29 }
30
```