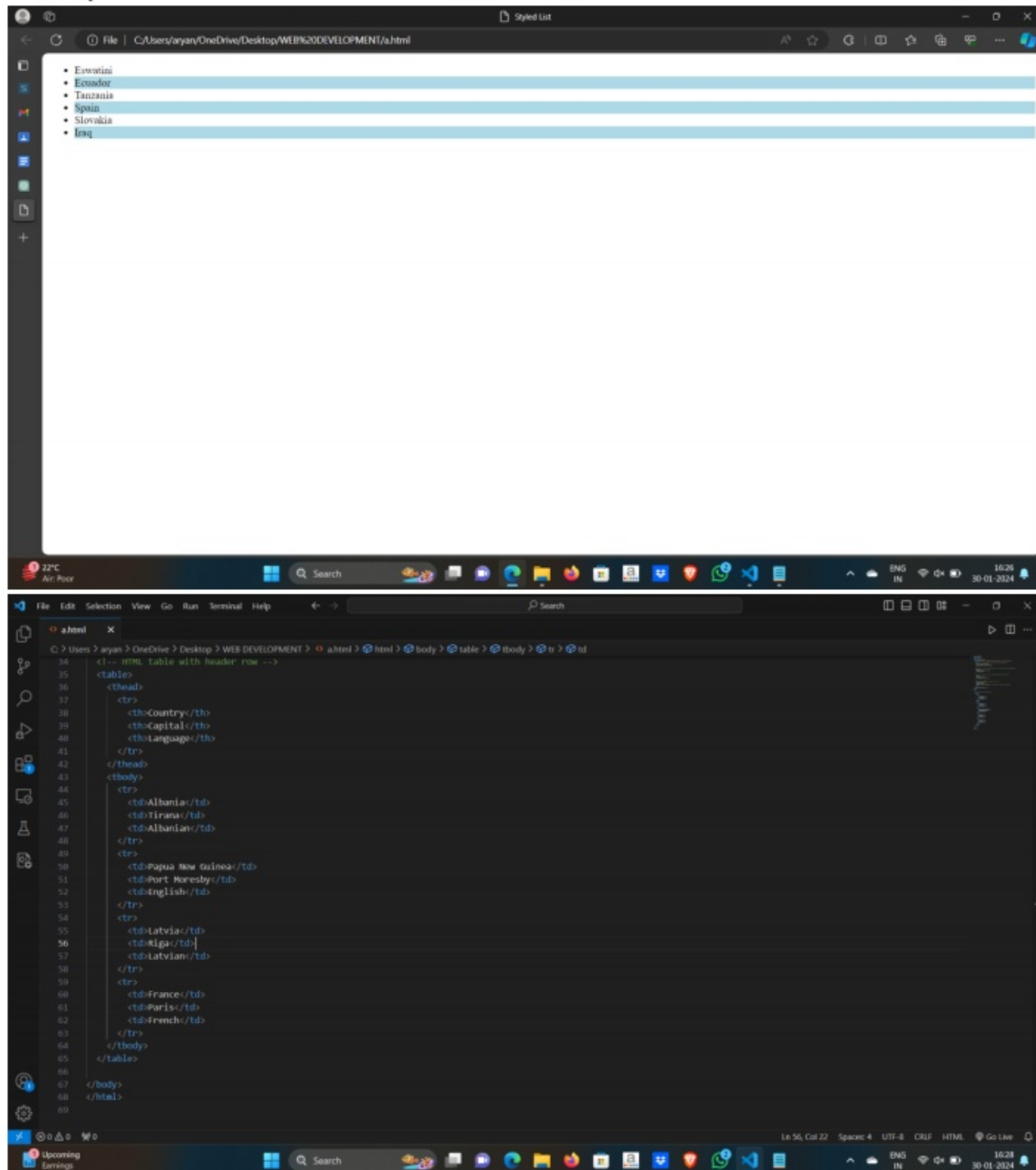


T1. Add a CSS rule and appropriate html to style every other line of the unordered list with a light blue background color. Specify the background color using the rgb method.

- Eswatini
- Ecuador
- Tanzania
- Spain
- Slovakia

• Iraq



T2. Given the table in the question style the table so that the odd rows have a light gray background. In addition add a header row to the table and style that row so it has white

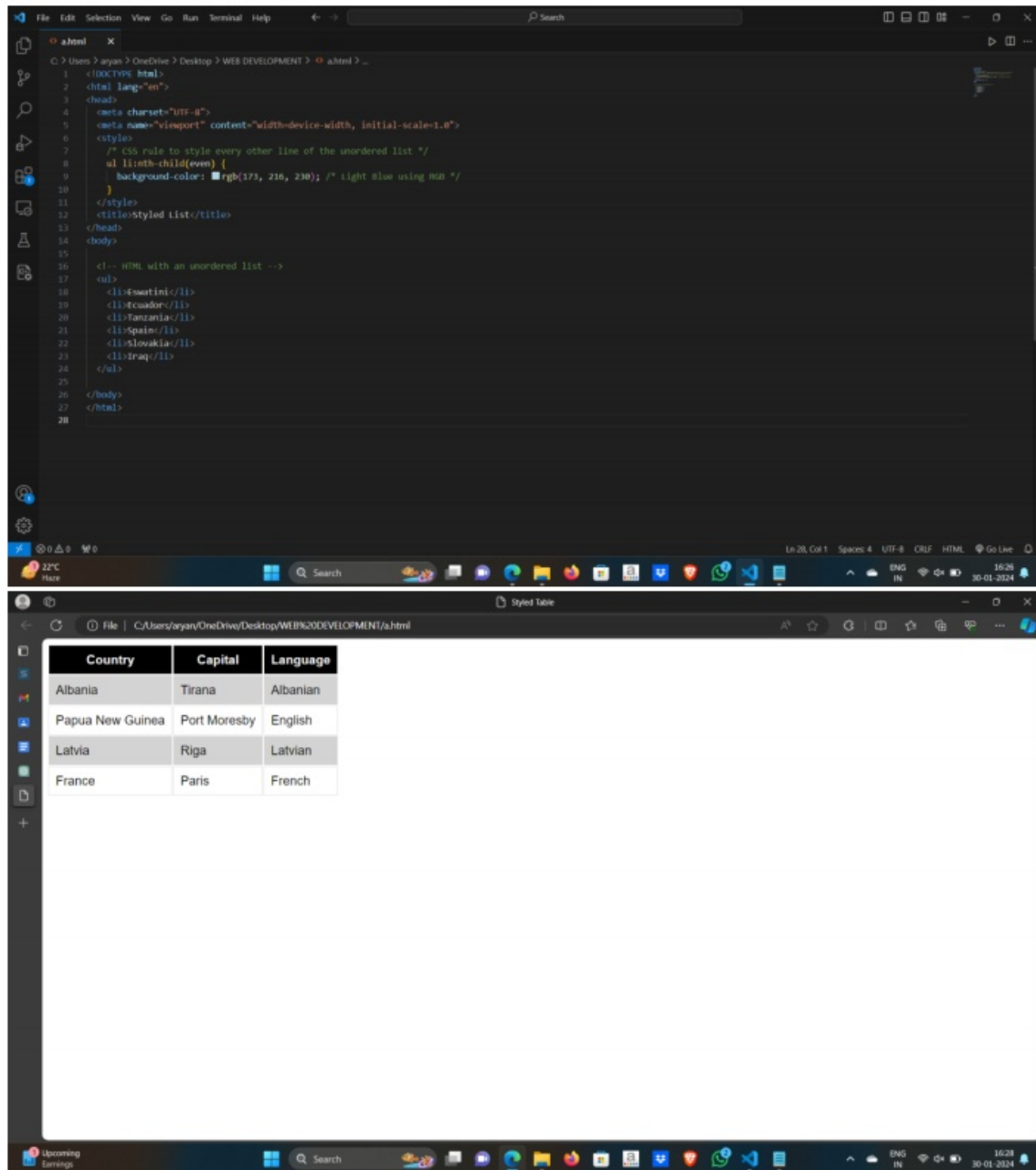
text and a black background color. Change the font so that they are all 14 point sans serif of some kind.

Albania Tirana Albanian

Papua New Guinea Port Moresby English

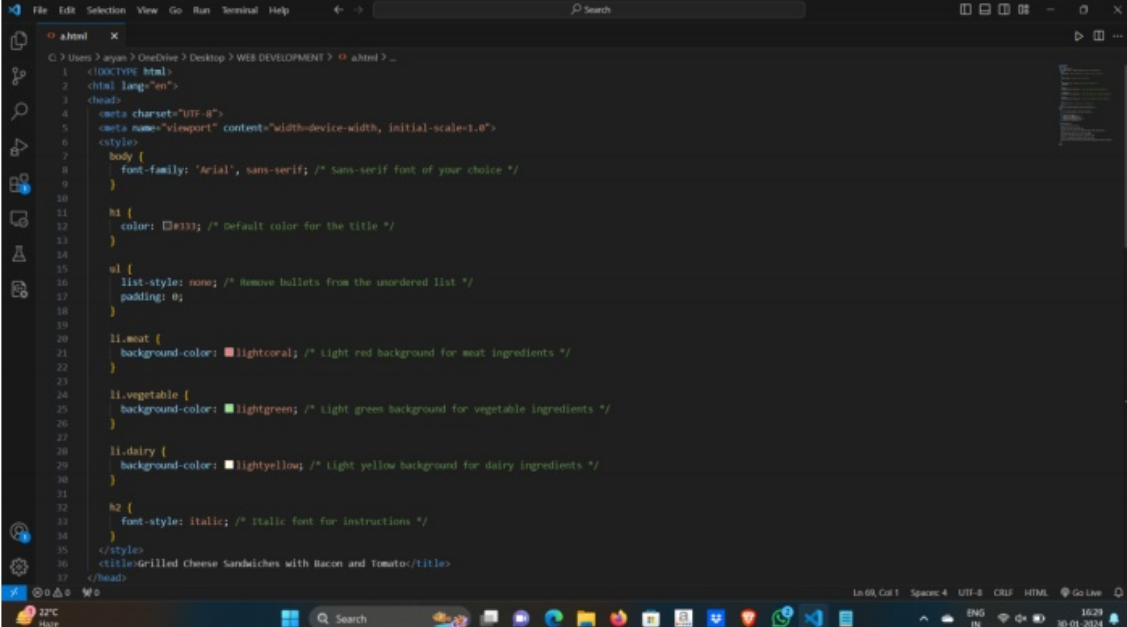
Latvia Riga Latvian

France Paris French

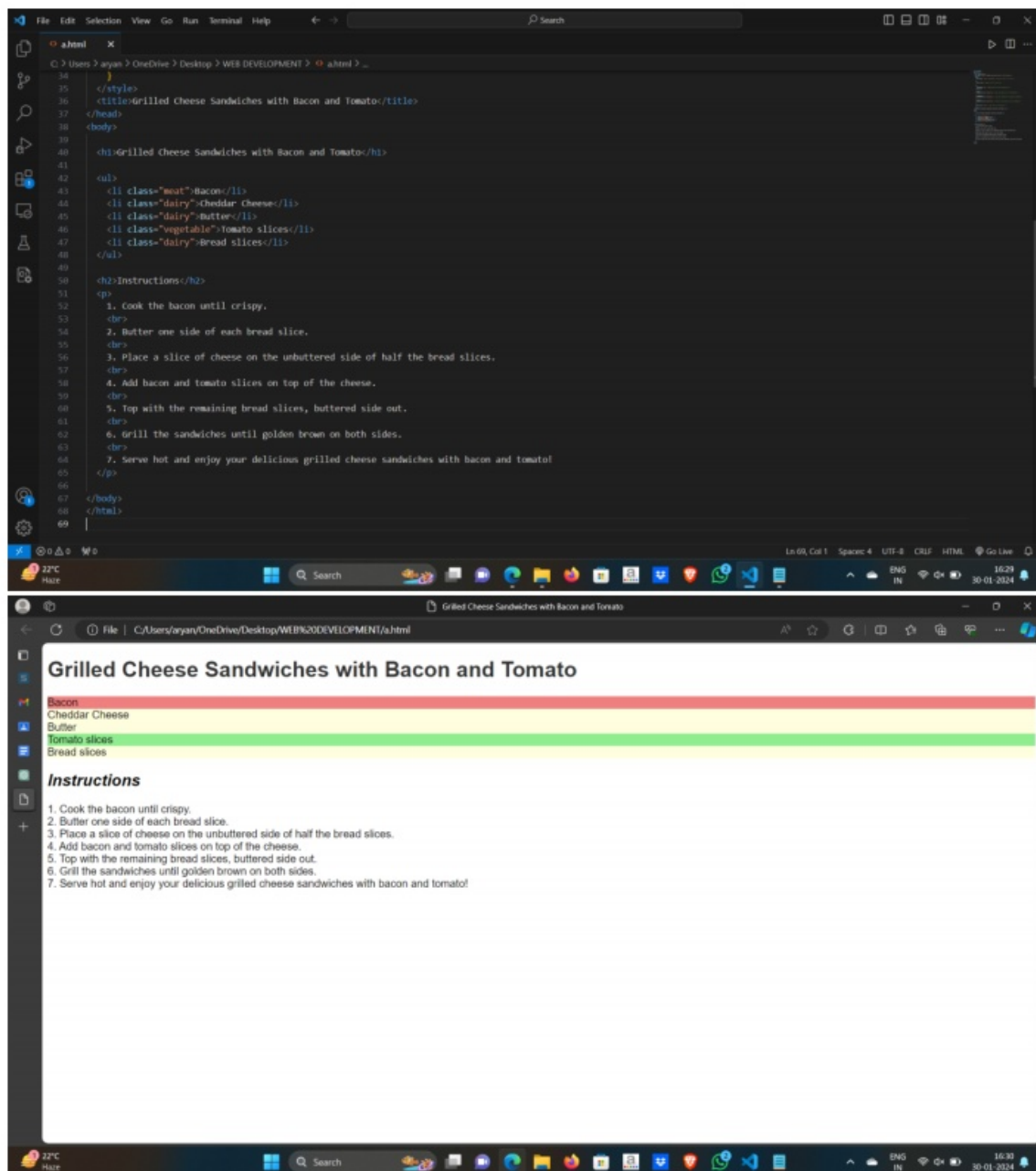


T3. Suppose you are working on a recipe website. Recipes have a title, a list of ingredients, and an instructions section. Make a webpage that shows the recipe for grilled cheese

sandwiches with bacon and tomato. The ingredients should be displayed as an unordered list, with no bullets. Meat ingredients should have a light red background color, vegetables should have a light green background, and dairy products should have a light yellow. The title should be in a sans serif font of your choice, and the instructions should have a heading “Instructions” and the font for the instructions should be italic.

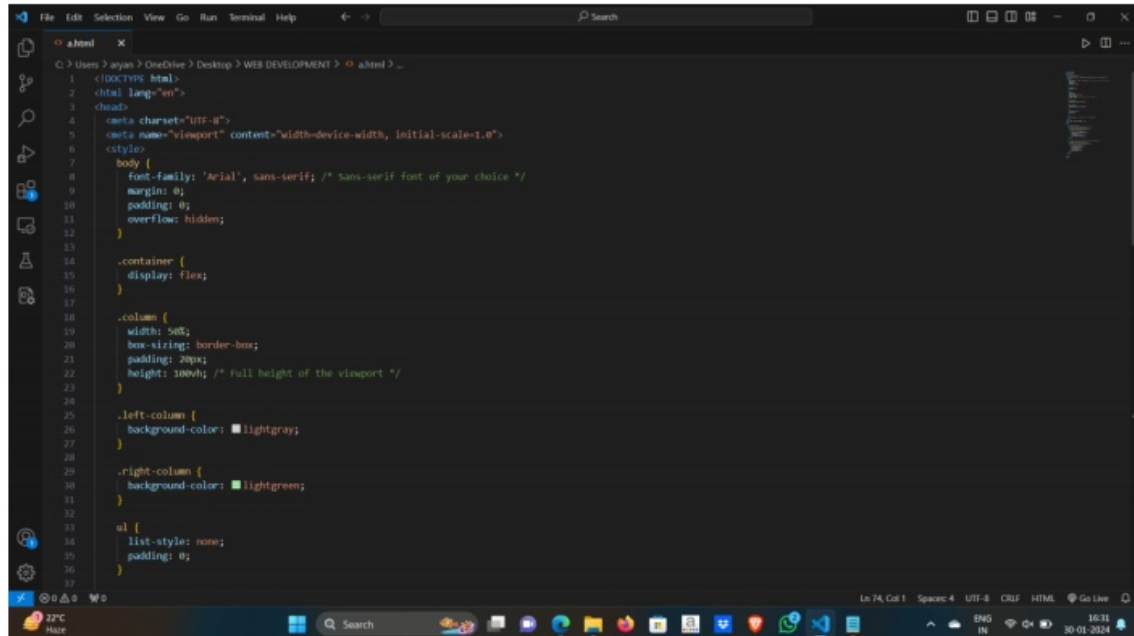


```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <style>
7     body {
8       font-family: 'Arial', sans-serif; /* Sans-serif font of your choice */
9     }
10
11     h1 {
12       color: #8000; /* Default color for the title */
13     }
14
15     ul {
16       list-style: none; /* Remove bullets from the unordered list */
17       padding: 0;
18     }
19
20     li.meat {
21       background-color: lightcoral; /* light red background for meat ingredients */
22     }
23
24     li.vegetable {
25       background-color: lightgreen; /* light green background for vegetable ingredients */
26     }
27
28     li.dairy {
29       background-color: lightyellow; /* light yellow background for dairy ingredients */
30     }
31
32     h2 {
33       font-style: italic; /* Italic font for instructions */
34     }
35   </style>
36   <title>Grilled Cheese Sandwiches with Bacon and Tomato</title>
37 </head>
```

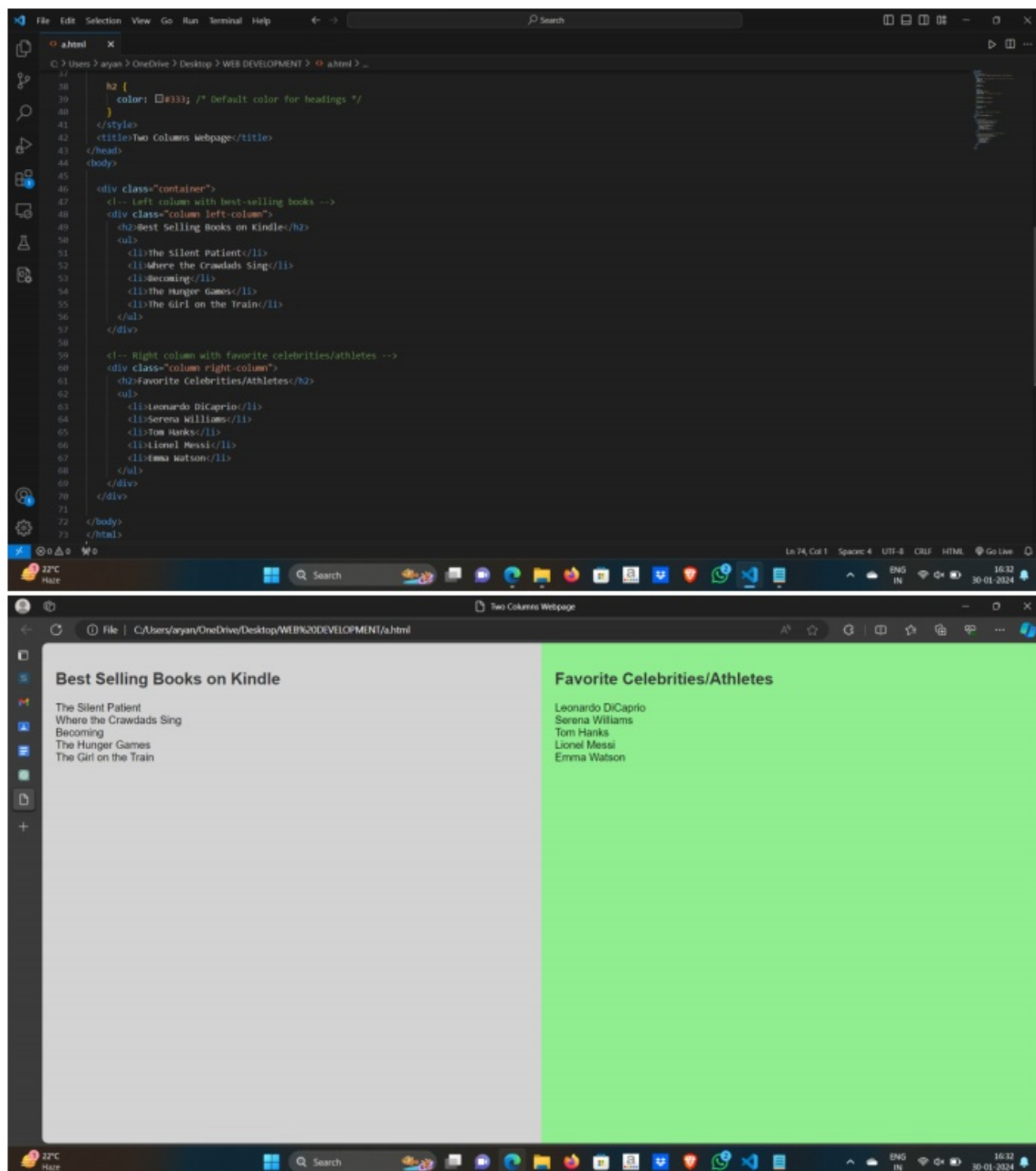


T4. Using CSS and HTML Make a webpage that has two columns. Each column should use half of the width of the page. The left half should have a light gray background and the right half should have a light green background. The left half should have a list of the

5 best selling books in Amazon's kindle store, and the right should have a list of your five favorite celebrities or athletes.

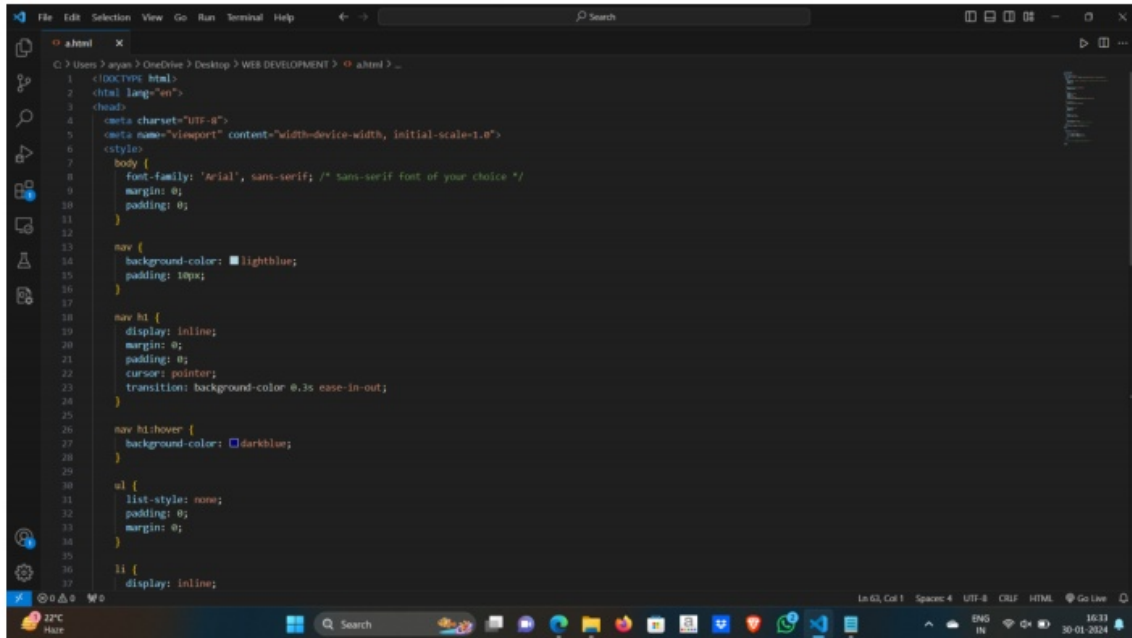


```
File Edit Selection View Go Run Terminal Help
a.html
C:\Users> aryan> OneDrive> Desktop> WEB DEVELOPMENT> a.html> ...
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <style>
7     body {
8       font-family: 'Arial', sans-serif; /* sans-serif font of your choice */
9       margin: 0;
10      padding: 0;
11      overflow: hidden;
12    }
13
14    .container {
15      display: flex;
16    }
17
18    .column {
19      width: 50%;
20      box-sizing: border-box;
21      padding: 20px;
22      height: 100vh; /* Full height of the viewport */
23    }
24
25    .left-column {
26      background-color: lightgray;
27    }
28
29    .right-column {
30      background-color: lightgreen;
31    }
32
33    ul {
34      list-style: none;
35      padding: 0;
36    }
37
```



T5. Using the nav element, make a navbar for at the top of a sample webpage. Add at least three links to the navbar using an unordered list that is displayed as inline rather than

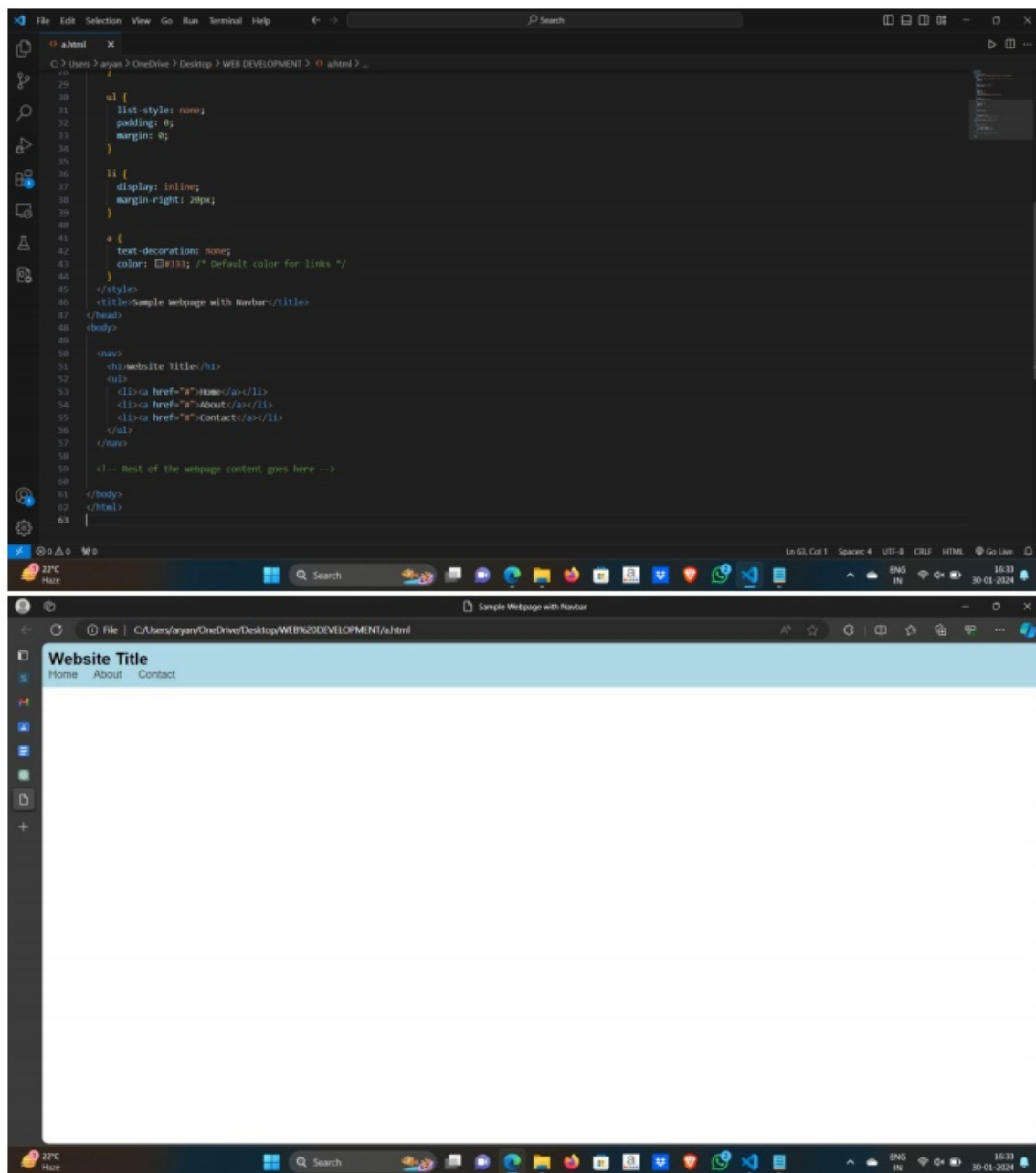
block. Make the navbar have a light blue background color, but change the background of the title to a darker blue when the mouse hovers over it.



The image shows a screenshot of a Visual Studio Code editor window. The editor is open to a file named 'ahmd.html'. The code is written in CSS and is as follows:

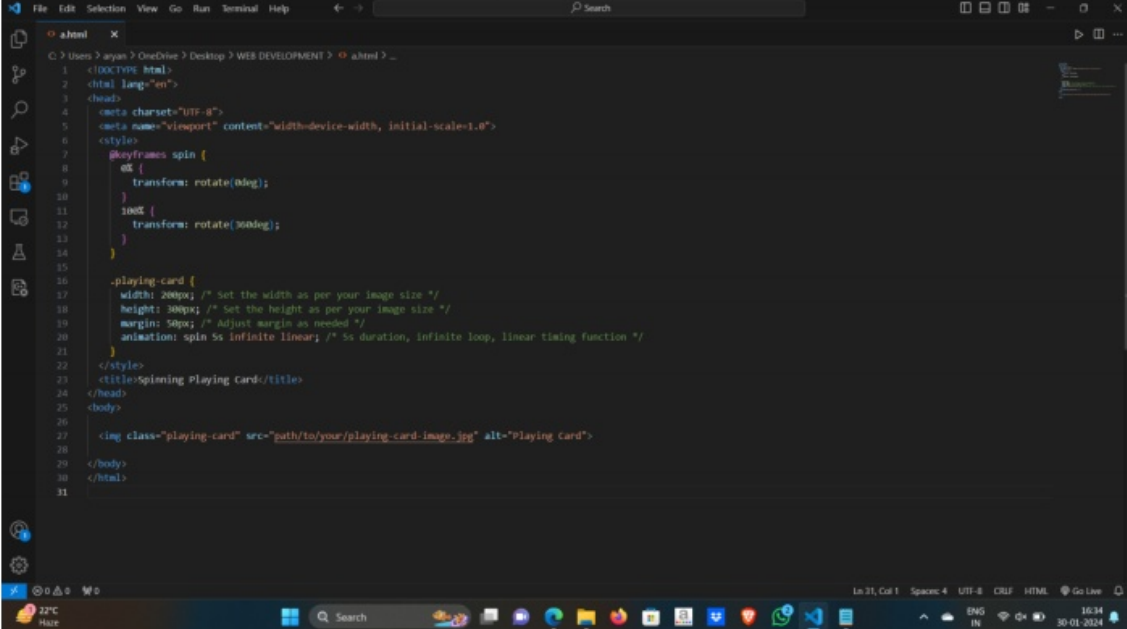
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <style>
7     body {
8       font-family: 'Arial', sans-serif; /* sans-serif font of your choice */
9       margin: 0;
10      padding: 0;
11    }
12
13    nav {
14      background-color: lightblue;
15      padding: 10px;
16    }
17
18    nav h1 {
19      display: inline;
20      margin: 0;
21      padding: 0;
22      cursor: pointer;
23      transition: background-color 0.3s ease-in-out;
24    }
25
26    nav h1:hover {
27      background-color: darkblue;
28    }
29
30    ul {
31      list-style: none;
32      padding: 0;
33      margin: 0;
34    }
35
36    li {
37      display: inline;
```

The code defines a navigation bar with a light blue background. The title of the navigation bar is an inline h1 element that changes its background color to dark blue when the mouse hovers over it. The code is written in a dark-themed editor with line numbers on the left. The Windows taskbar is visible at the bottom of the screen.

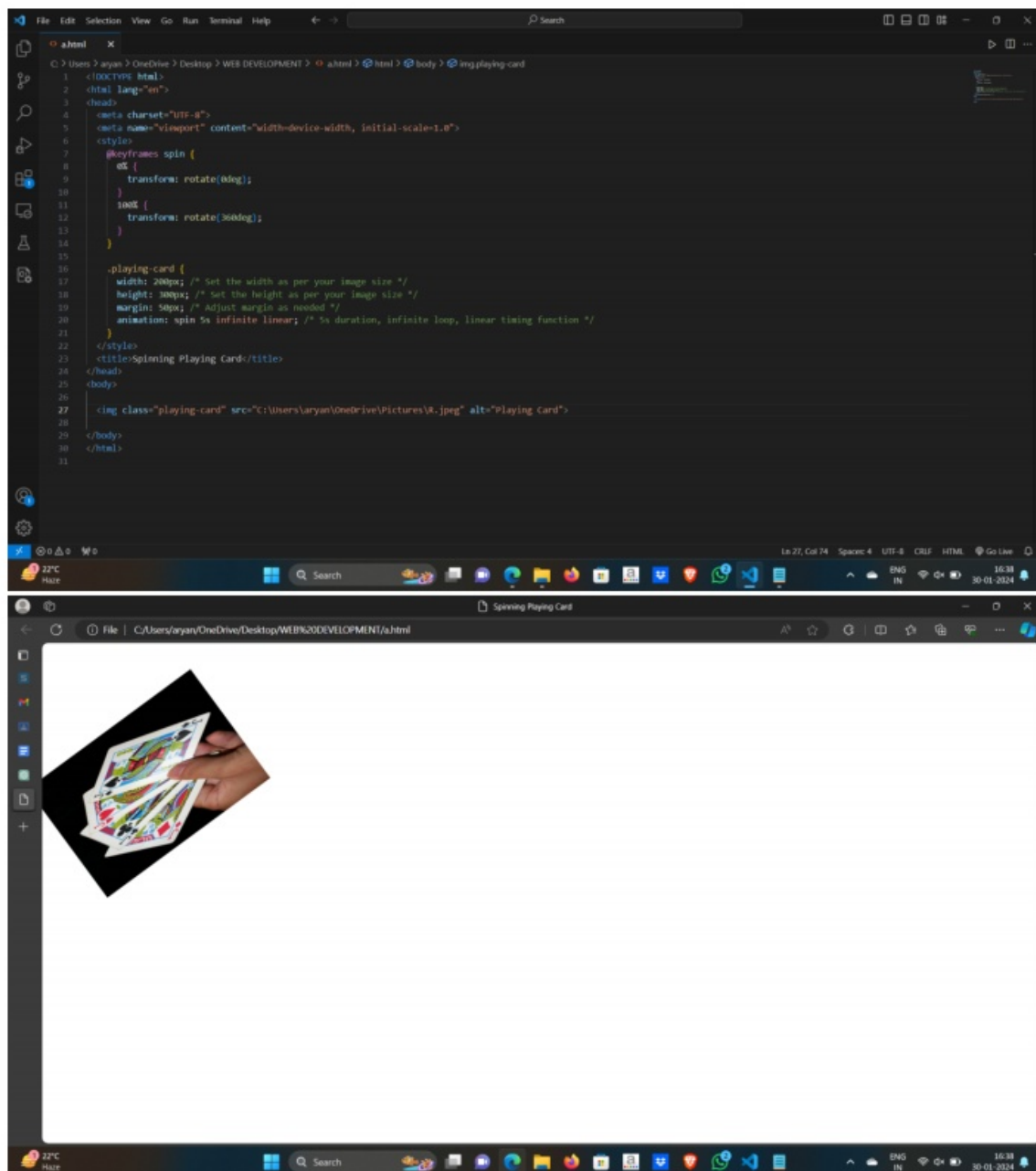


T6. Using the image of the playing card, use transformations and animations to make the

playing card spin around endlessly.

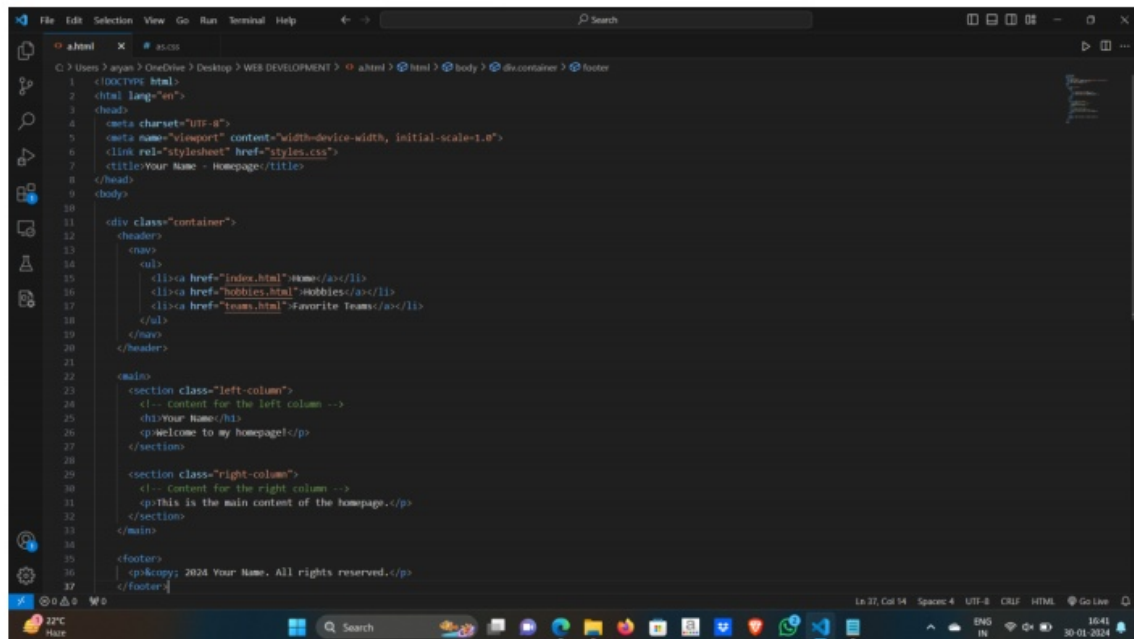


```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <style>
7     @keyframes spin {
8       0% {
9         transform: rotate(0deg);
10      }
11      100% {
12        transform: rotate(360deg);
13      }
14    }
15
16    .playing-card {
17      width: 200px; /* Set the width as per your image size */
18      height: 300px; /* Set the height as per your image size */
19      margin: 50px; /* Adjust margin as needed */
20      animation: spin 5s infinite linear; /* 5s duration, infinite loop, linear timing function */
21    }
22  </style>
23  <title>Spinning Playing Card</title>
24 </head>
25 <body>
26   
27 </body>
28 </html>
```

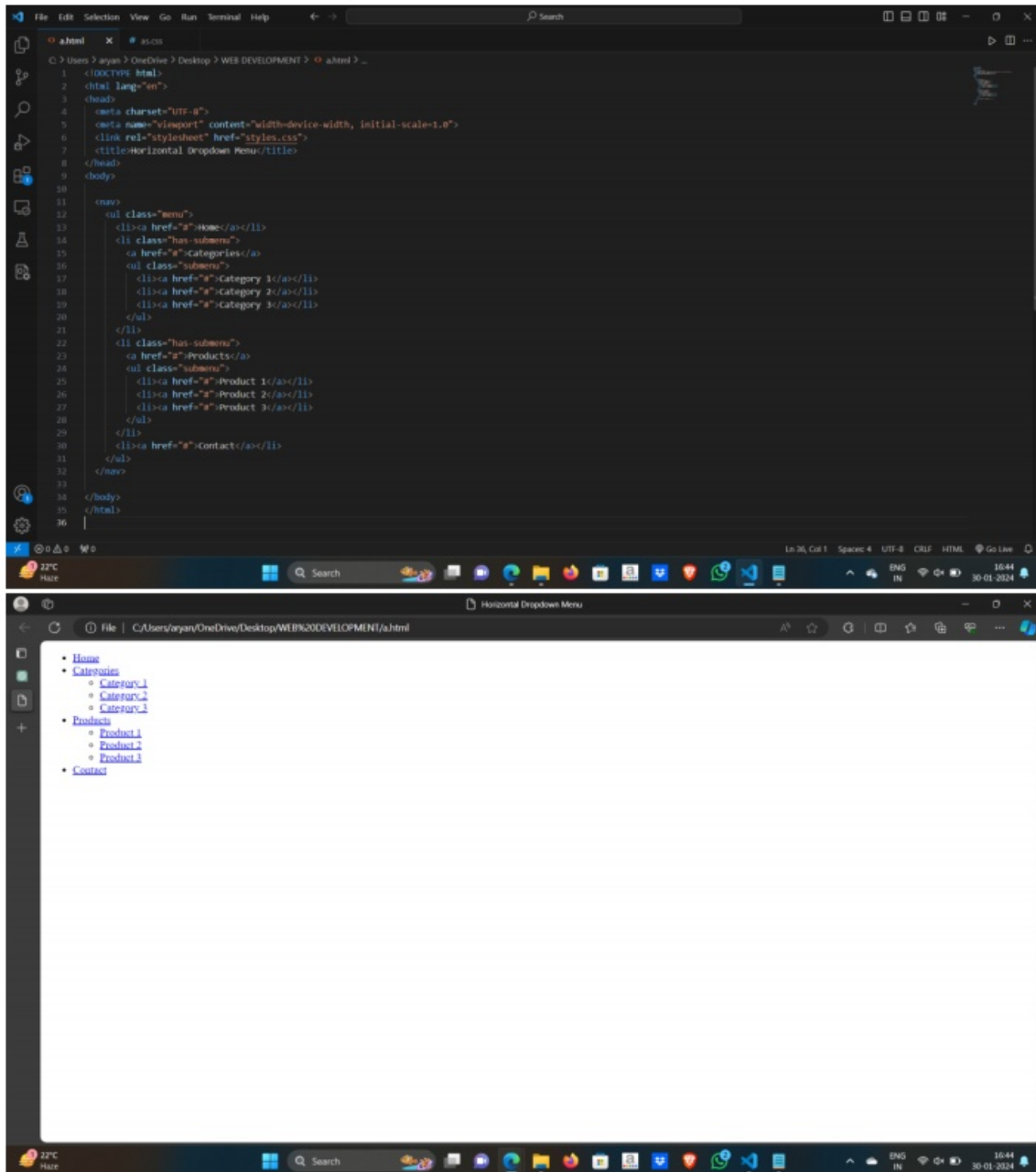


T7. Develop a homepage for yourself, published on github pages, that employs a two column layout with a fixed navbar (always on screen), and a footer. The navbar should link to at least two additional pages used to describe your hobbies or favorite teams. The

CSS for this website should be contained in its own CSS file, and all three pages should use this CSS file.



```
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   <link rel="stylesheet" href="styles.css">
7   <title>Your Name - Homepage</title>
8 </head>
9 <body>
10
11   <div class="container">
12     <header>
13       <nav>
14         <ul>
15           <li><a href="index.html">Home</a></li>
16           <li><a href="hobbies.html">Hobbies</a></li>
17           <li><a href="teams.html">Favorite Teams</a></li>
18         </ul>
19       </nav>
20     </header>
21
22     <main>
23       <section class="left-column">
24         <!-- Content for the left column -->
25         <h1>Your Name</h1>
26         <p>Welcome to my homepage!</p>
27       </section>
28
29       <section class="right-column">
30         <!-- Content for the right column -->
31         <p>This is the main content of the homepage.</p>
32       </section>
33     </main>
34
35     <footer>
36       <p>©copy; 2024 Your Name. All rights reserved.</p>
37     </footer>
38   </div>
39 </body>
40 </html>
```

```
File Edit Selection View Go Run Terminal Help
# ascss X
C:\Users> aryan > OneDrive > Desktop > WEB DEVELOPMENT > # ascss > ...
1 body {
2   font-family: 'Arial', sans-serif;
3   margin: 0;
4   padding: 0;
5 }
6
7
8 nav {
9   background-color: #8333;
10 }
11
12 .menu {
13   list-style: none;
14   padding: 0;
15   margin: 0;
16   display: flex;
17 }
18
19 .menu li {
20   position: relative;
21 }
22
23 .menu a {
24   display: block;
25   color: white;
26   text-decoration: none;
27   padding: 15px;
28 }
29
30 .menu li:hover {
31   background-color: #e555;
32 }
33
34 .submenu {
35   display: none;
36   position: absolute;
37   top: 100%;
38   left: 0;
39 }
40
41
42
43
44
45
46
47
48
49
50
51
52
53
```

```
File Edit Selection View Go Run Terminal Help
# ascss X
C:\Users> aryan > OneDrive > Desktop > WEB DEVELOPMENT > # ascss > ...
28
29 .menu li:hover {
30   background-color: #e555;
31 }
32
33 .submenu {
34   display: none;
35   position: absolute;
36   top: 100%;
37   left: 0;
38   background-color: #8333;
39   border-top: 1px solid #e555;
40 }
41
42 .menu li:hover .submenu {
43   display: block;
44 }
45
46 .submenu li {
47   display: block;
48 }
49
50 .submenu a {
51   padding: 10px;
52 }
53
```