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# Web technology ASSIGNMENT 3

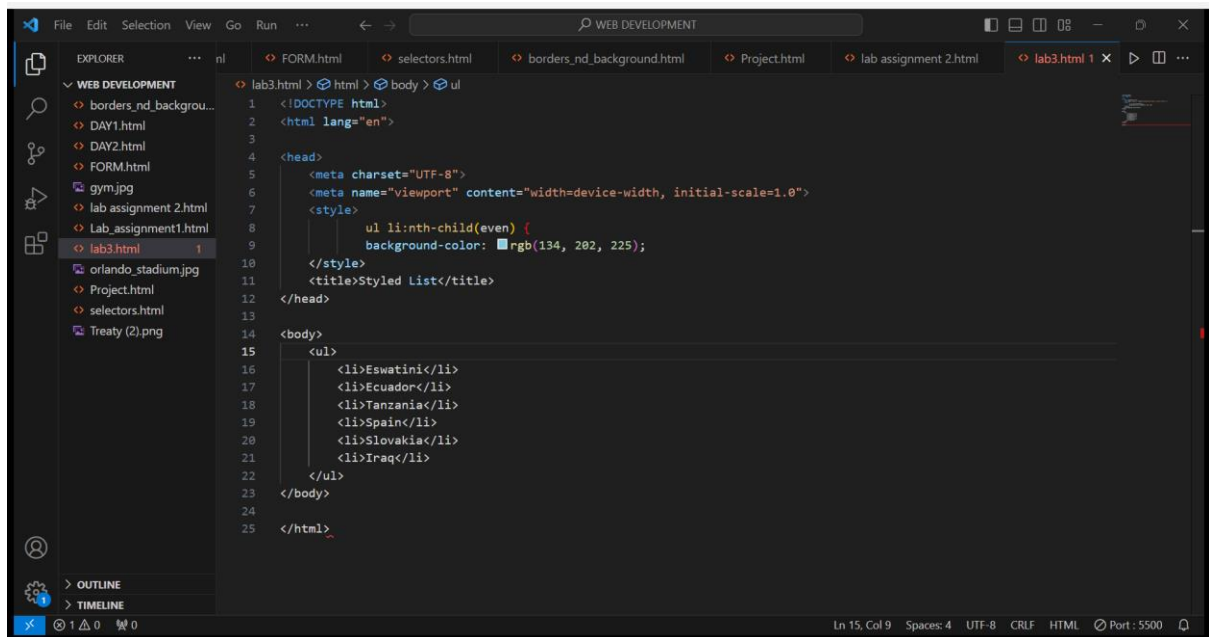
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Name: Archita Agrahari

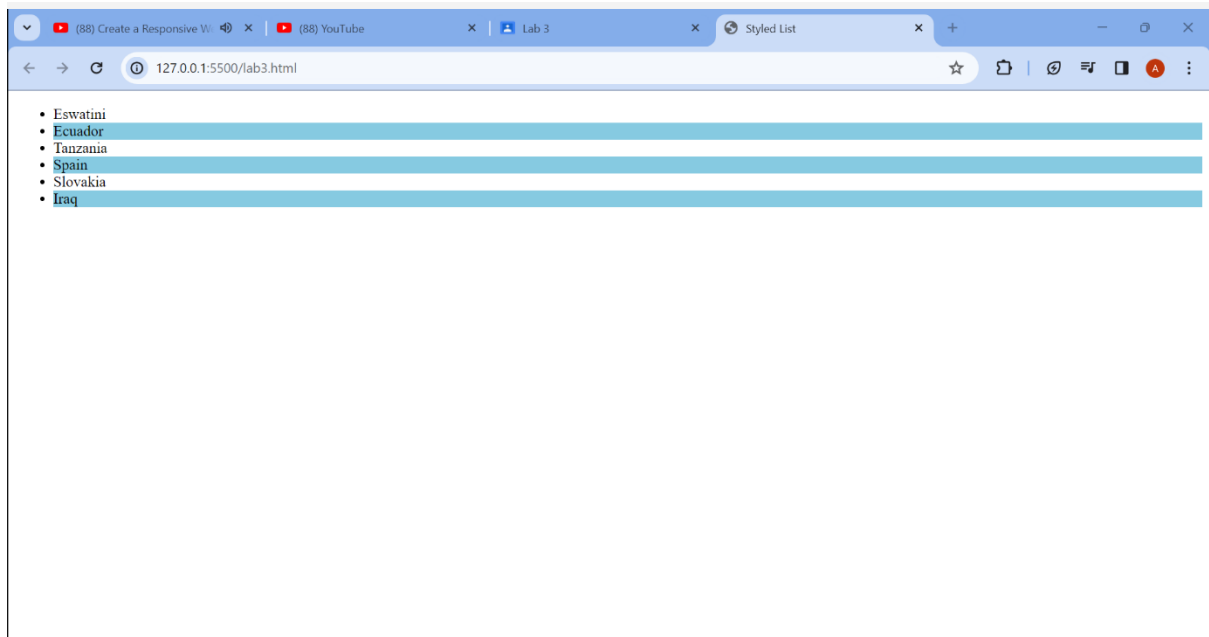
Roll No.: 22CS3015

**Q1 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.**

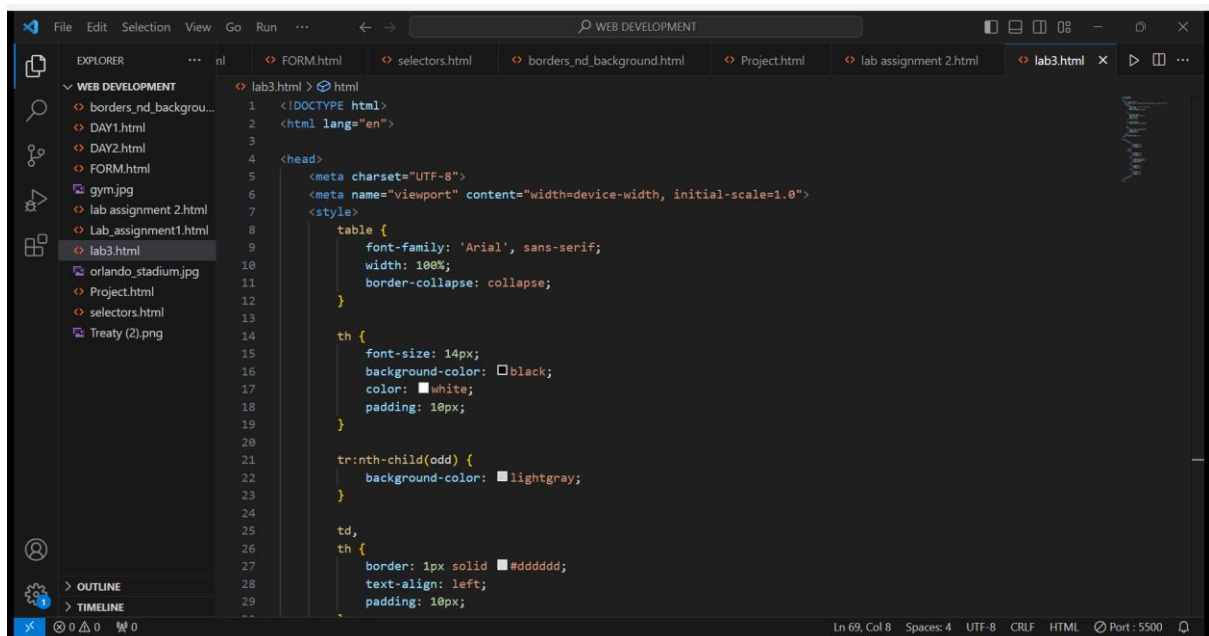
- Eswatini
- Ecuador
- Tanzania
- Spain
- Slovakia
- Iraq



```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <style>
8     ul li:nth-child(even) {
9       background-color: rgb(134, 202, 225);
10    }
11  </style>
12  <title>Styled List</title>
13 </head>
14 <body>
15   <ul>
16     <li>Eswatini</li>
17     <li>Ecuador</li>
18     <li>Tanzania</li>
19     <li>Spain</li>
20     <li>Slovakia</li>
21     <li>Iraq</li>
22   </ul>
23 </body>
24
25 </html>
```



**Q2 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**

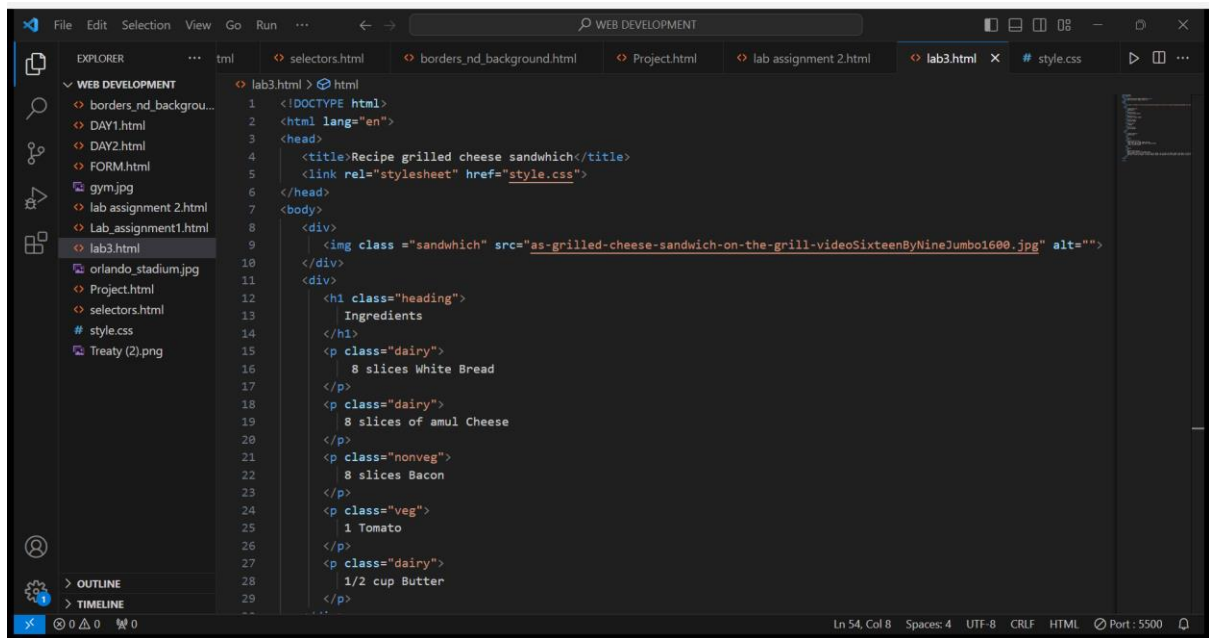


The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5500/lab3.html". The browser has several tabs open, including "(88) Create a Responsive", "(88) YouTube", "Lab 3", "Styled List", and "Styled Table". The main content area displays a table with the following data:

Country	Capital	Language
Albania	Tirana	Albanian
Papua New Guinea	Port Moresby	English
Latvia	Riga	Latvian
France	Paris	French

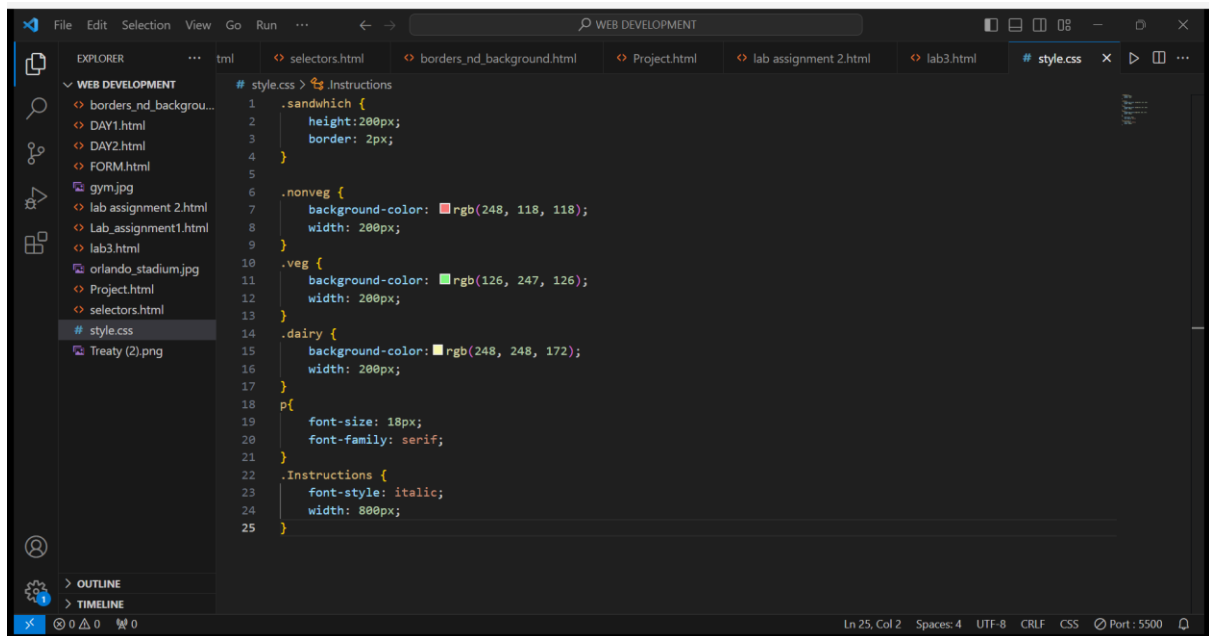
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**Q3. Suppose you are working on a recipe website. Recipes have a title, a list of ingredients ,and an instructions section. Make a webpage that shows the recipe for grilled cheese sandwiches with bacon and tomato. The ingredients should be displayed 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.**



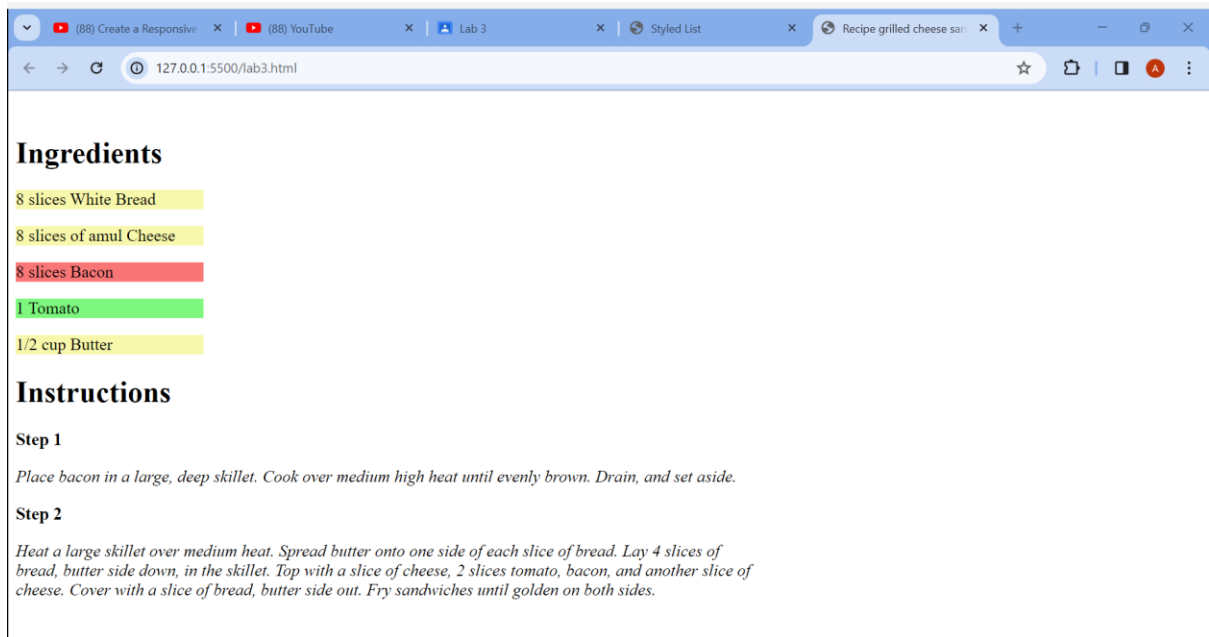
This screenshot shows the Visual Studio Code editor with the 'lab3.html' file open. The Explorer sidebar on the left lists files under 'WEB DEVELOPMENT', including 'borders\_nd\_backgrou...', 'DAY1.html', 'DAY2.html', 'FORM.html', 'gym.jpg', 'lab assignment 2.html', 'Lab\_assignment1.html', 'lab3.html', 'orlando\_stadium.jpg', 'Project.html', 'selectors.html', 'style.css', and 'Treaty (2).png'. The main editor area displays the HTML code for 'lab3.html'. The code includes a DOCTYPE declaration, an HTML lang attribute set to 'en', a title 'Recipe grilled cheese sandwich', and a link to 'style.css'. The body contains a div with an image of a grilled cheese sandwich, followed by a heading 'Ingredients' and a list of ingredients: 8 slices White Bread, 8 slices of amul Cheese, 8 slices Bacon, 1 Tomato, and 1/2 cup Butter. The status bar at the bottom indicates 'Ln 54, Col 8', 'Spaces: 4', 'UTF-8', 'CRLF', 'HTML', and 'Port: 5500'.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <title>Recipe grilled cheese sandwich</title>
5   <link rel="stylesheet" href="style.css">
6 </head>
7 <body>
8   <div>
9     
10   </div>
11   <div>
12     <h1 class="heading">
13       Ingredients
14     </h1>
15     <p class="dairy">
16       8 slices White Bread
17     </p>
18     <p class="dairy">
19       8 slices of amul Cheese
20     </p>
21     <p class="nonveg">
22       8 slices Bacon
23     </p>
24     <p class="veg">
25       1 Tomato
26     </p>
27     <p class="dairy">
28       1/2 cup Butter
29     </p>
```

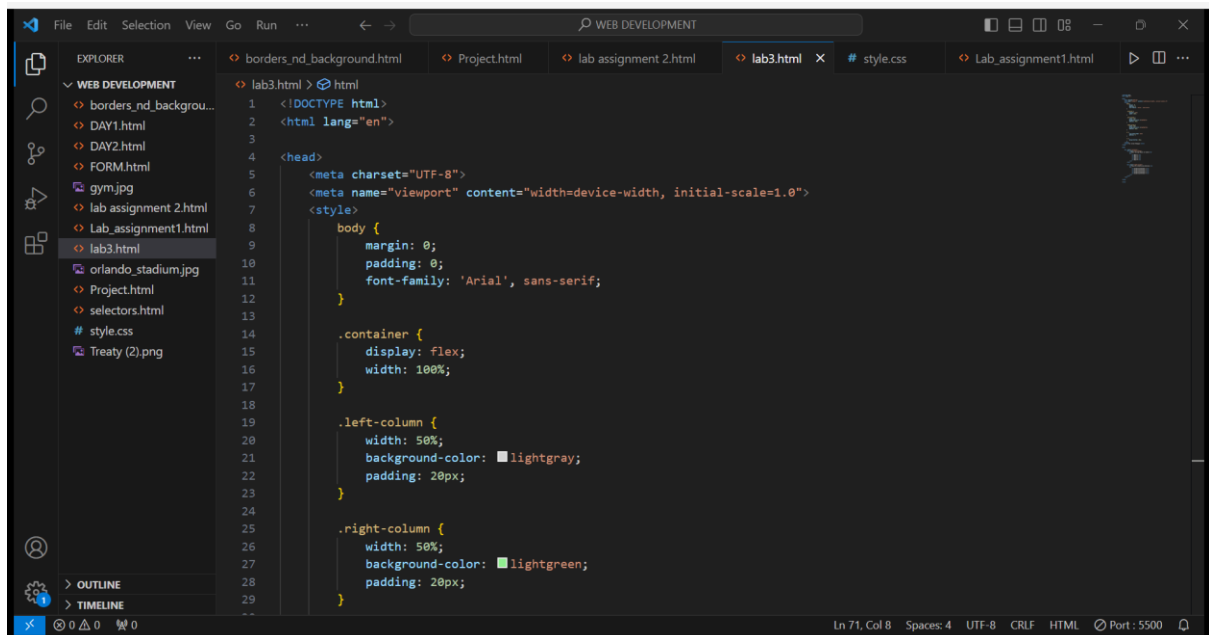


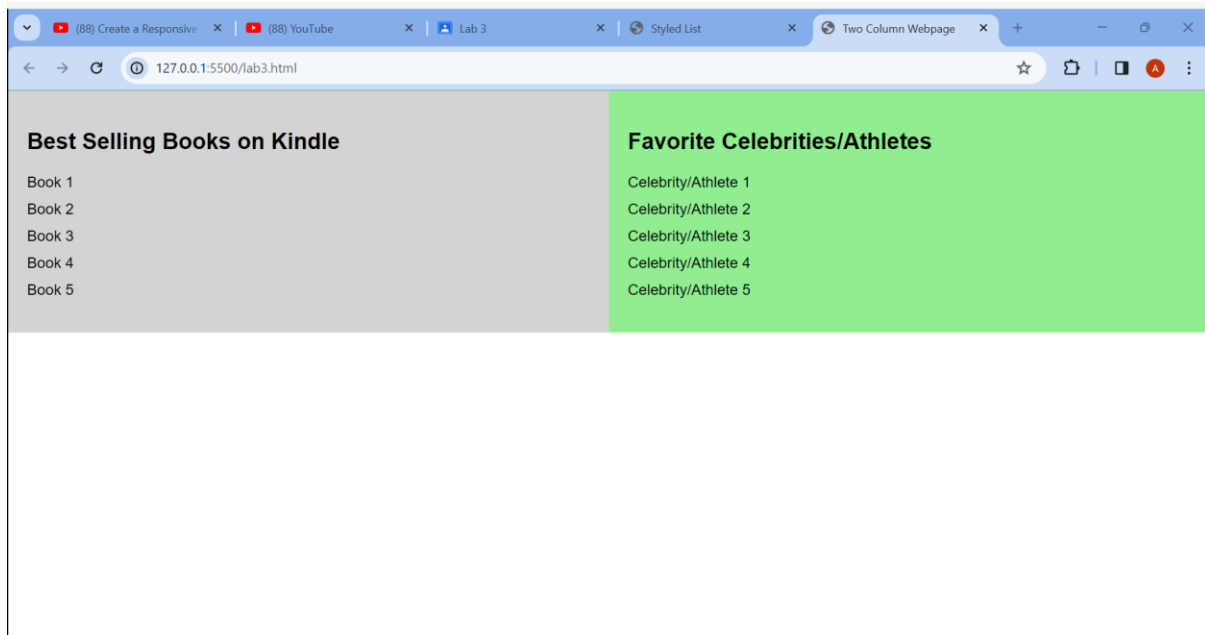
This screenshot shows the Visual Studio Code editor with the 'style.css' file open. The Explorer sidebar on the left is the same as in the first screenshot. The main editor area displays the CSS code for 'style.css'. The code defines styles for '.sandwich' (height: 200px, border: 2px), '.nonveg' (background-color: rgb(248, 118, 118), width: 200px), '.veg' (background-color: rgb(126, 247, 126), width: 200px), '.dairy' (background-color: rgb(248, 248, 172), width: 200px), 'p' (font-size: 18px, font-family: serif), and '.Instructions' (font-style: italic, width: 800px). The status bar at the bottom indicates 'Ln 25, Col 2', 'Spaces: 4', 'UTF-8', 'CRLF', 'CSS', and 'Port: 5500'.

```
1 .sandwich {
2   height: 200px;
3   border: 2px;
4 }
5
6 .nonveg {
7   background-color: rgb(248, 118, 118);
8   width: 200px;
9 }
10
11 .veg {
12   background-color: rgb(126, 247, 126);
13   width: 200px;
14 }
15
16 .dairy {
17   background-color: rgb(248, 248, 172);
18   width: 200px;
19 }
20
21 p {
22   font-size: 18px;
23   font-family: serif;
24 }
25
26 .Instructions {
27   font-style: italic;
28   width: 800px;
29 }
```

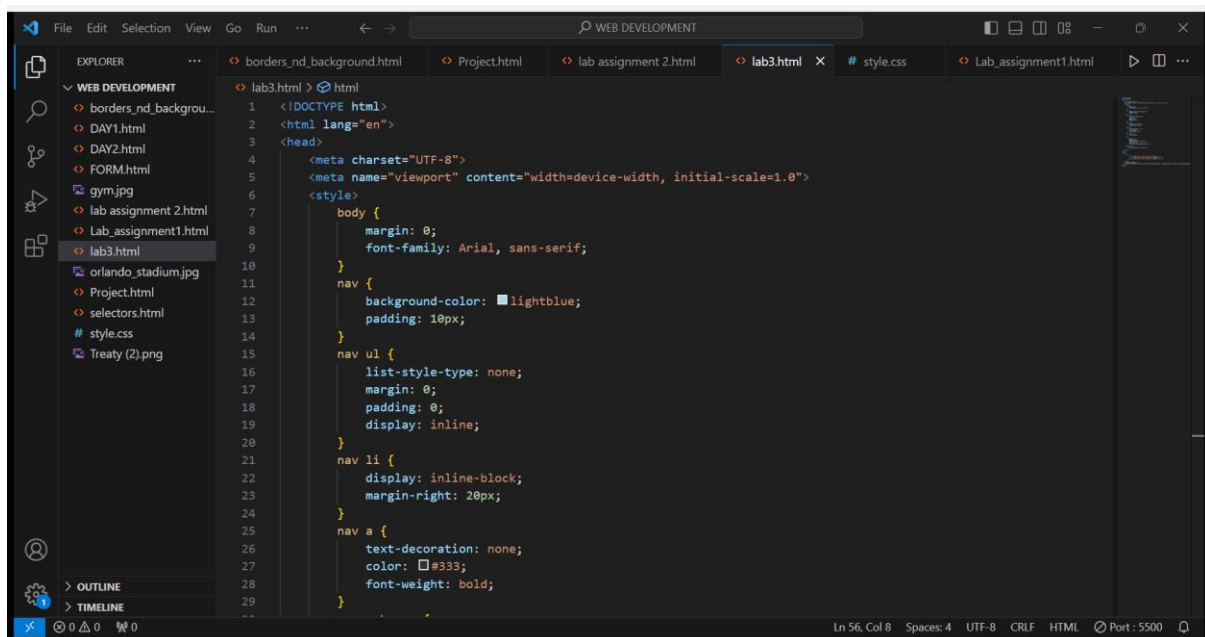


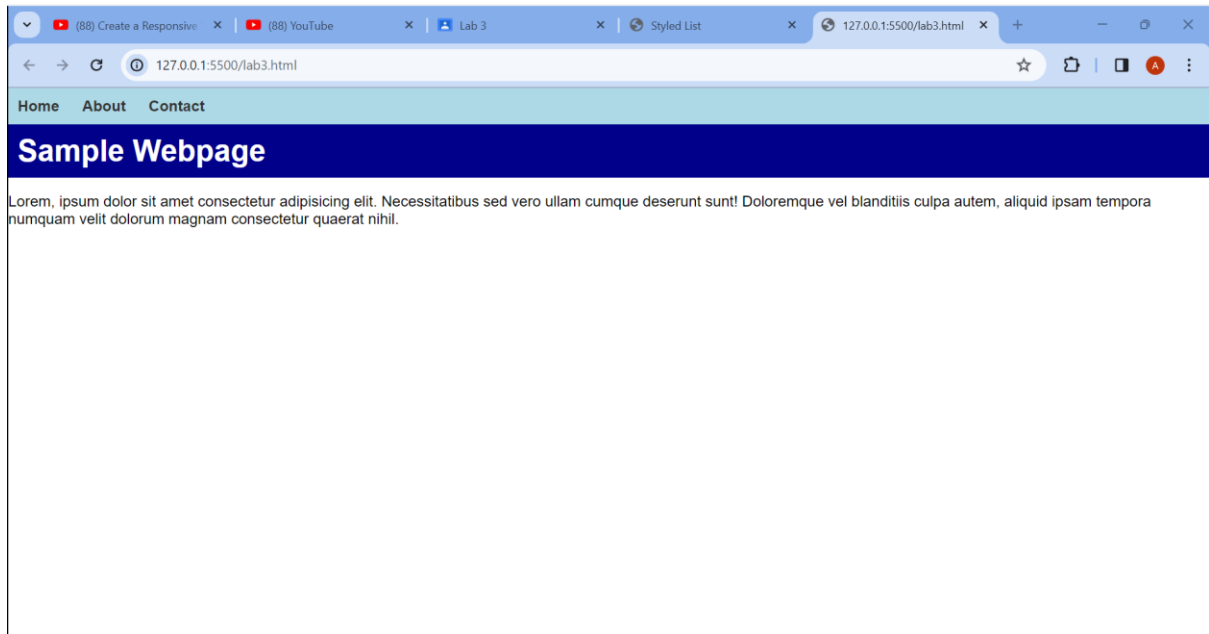
**Q4. Using CSS and HTML Make a webpage that has two columns. Each column should use half of the width of the page. The left half should have a light gray background and the right half should have a light green background. The left half should have a list of the 5 best selling books in Amazon's kindle store, and the right should have a list of your five favorite celebrities or athletes.**



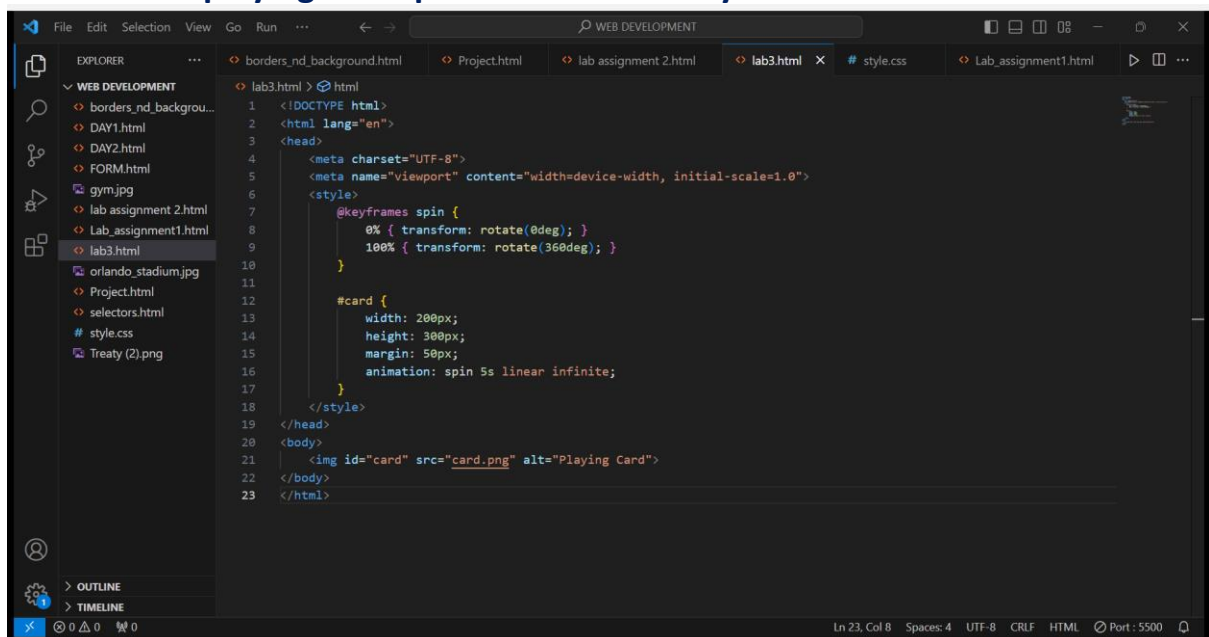


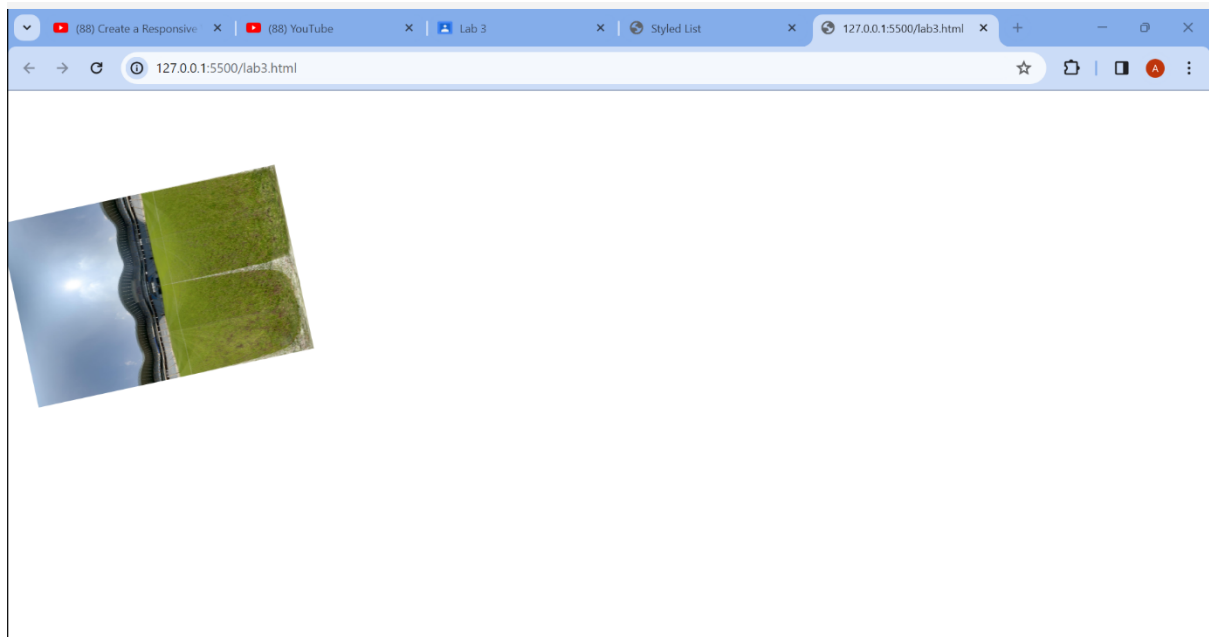
**Q5. Using the nav element, make a navbar for at the top of a sample webpage. Add at least three links to the navbar using an unordered list that is displayed as inline rather than block. Make the navbar have a light blue background color, but change the background of the title to a darker blue when the mouse hovers over it.**





**Q6. Using the image of the playing card, use transformations and animations to make the playing card spin around endlessly.**





**Q7. 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.**

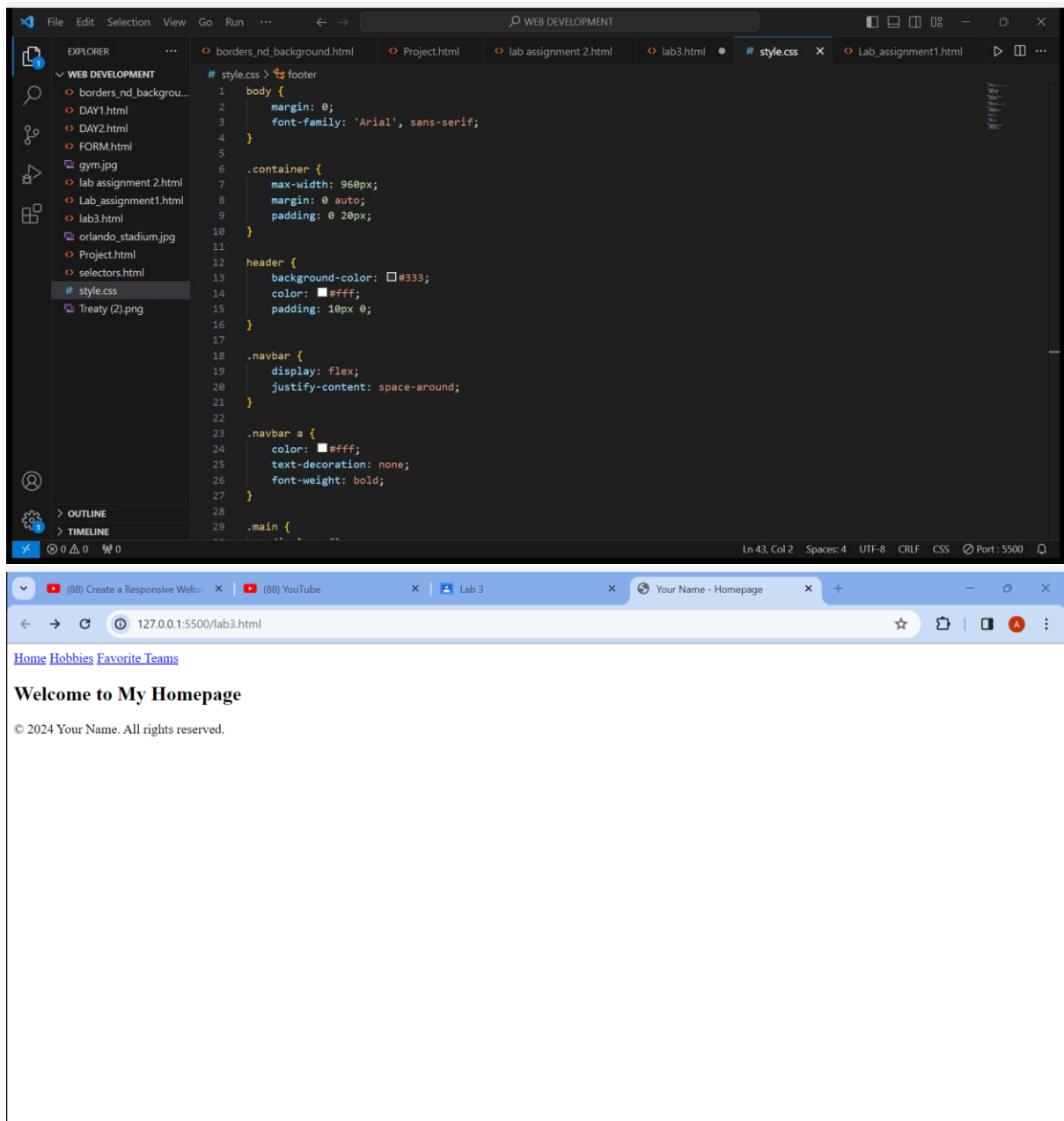
A screenshot of the Visual Studio Code editor interface. The Explorer panel on the left shows a file tree with 'WEB DEVELOPMENT' containing files like 'borders\_nd\_backgrou...', 'DAY1.html', 'DAY2.html', 'FORM.html', 'gym.jpg', 'lab\_assignment\_2.html', 'Lab\_assignment1.html', 'lab3.html', 'orlando\_stadium.jpg', 'Project.html', 'selectors.html', 'style.css', and 'Treaty (2).png'. The main editor area shows the HTML code for 'lab3.html'. The code includes a DOCTYPE declaration, HTML lang attribute, a head section with meta charset, viewport, and stylesheet links, and a title 'Your Name - Homepage'. The body contains a header with a navbar (links to index.html, hobbies.html, teams.html) and a main section with a content area containing a welcome message and a placeholder for content.

```

1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <link rel="stylesheet" href="styles.css">
8   <title>Your Name - Homepage</title>
9 </head>
10
11 <body>
12   <header>
13     <nav class="navbar">
14       <div class="container">
15         <a href="index.html">Home</a>
16         <a href="hobbies.html">Hobbies</a>
17         <a href="teams.html">Favorite Teams</a>
18       </div>
19     </nav>
20   </header>
21
22   <div class="container">
23     <main>
24       <section class="content">
25         <h1>Welcome to My Homepage</h1>
26         <!-- Your content goes here -->
27       </section>
28     </main>
29   </div>

```





**Q8.** Modify the final version of the menu project so that the menu is a horizontal menu with the first level of submenus dropping down below the selected item.

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Fundamentals of Web Programming</title>
8   <style type='text/css'>
9     body {
10       background: #EEEEEE;
11       color: #000000;
12       font-family: 'Arial', sans-serif;
13     }
14
15     h1 {
16       color: #AAA;
17       border-bottom: 1px solid;
18       margin-bottom: 0;
19     }
20
21     main {
22       color: #CCC;
23       margin-left: 7em;
24       padding: 1px 0 1px 5%;
25       border-left: 1px solid;
26     }
27
28     nav {
29       background: #FDD;
```

