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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.

Ans:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Grilled Cheese Sandwiches with Bacon and Tomato</title>
  <style>
    body {
      font-family: 'Sans-serif'; /* Use your preferred sans-serif font */
    }

    h1 {
      background-color: #f1f1f1; /* Light gray background for title */
      padding: 10px;
    }

    ul {
      list-style: none;
      padding: 0;
    }

    li {
      margin-bottom: 5px;
      padding: 5px;
    }

    .meat {
      background-color: #ffc0cb; /* Light red background for meat ingredients */
    }

    .vegetable {
      background-color: #c1e2b3; /* Light green background for vegetable ingredients */
    }
```

```
.dairy {
  background-color: #ffffcd; /* Light yellow background for dairy ingredients */
}

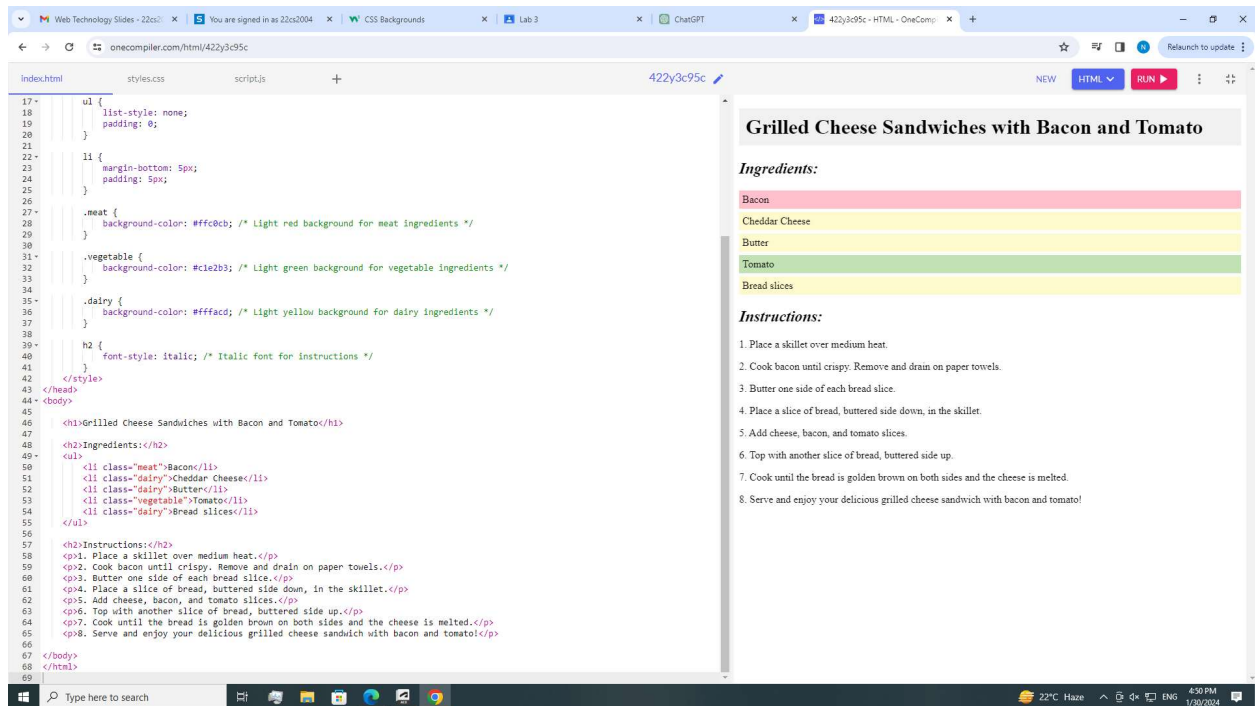
h2 {
  font-style: italic; /* Italic font for instructions */
}
</style>
</head>
<body>

<h1>Grilled Cheese Sandwiches with Bacon and Tomato</h1>

<h2>Ingredients:</h2>
<ul>
  <li class="meat">Bacon</li>
  <li class="dairy">Cheddar Cheese</li>
  <li class="dairy">Butter</li>
  <li class="vegetable">Tomato</li>
  <li class="dairy">Bread slices</li>
</ul>

<h2>Instructions:</h2>
<p>1. Place a skillet over medium heat.</p>
<p>2. Cook bacon until crispy. Remove and drain on paper towels.</p>
<p>3. Butter one side of each bread slice.</p>
<p>4. Place a slice of bread, buttered side down, in the skillet.</p>
<p>5. Add cheese, bacon, and tomato slices.</p>
<p>6. Top with another slice of bread, buttered side up.</p>
<p>7. Cook until the bread is golden brown on both sides and the cheese is melted.</p>
<p>8. Serve and enjoy your delicious grilled cheese sandwich with bacon and tomato!</p>

</body>
</html>
```



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.

Ans:-

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Two-Column Page</title>
```

```
  <style>
```

```
    body {
      margin: 0;
      padding: 0;
      font-family: 'Arial', sans-serif; /* Use your preferred font */
    }
```

```
    .container {
      display: flex;
      width: 100%;
    }
```

```
    .column {
```

```

    flex: 1;
    padding: 20px;
    box-sizing: border-box;
}

.left-column {
    background-color: #f1f1f1; /* Light gray background for the left column */
}

.right-column {
    background-color: #c1e2b3; /* Light green background for the right column */
}

ul {
    list-style: none;
    padding: 0;
}

li {
    margin-bottom: 10px;
}
</style>
</head>
<body>

<div class="container">
    <div class="column left-column">
        <h2>Best Selling Books on Kindle</h2>
        <ul>
            <li>The Silent Patient by Alex Michaelides</li>
            <li>Where the Crawdads Sing by Delia Owens</li>
            <li>Becoming by Michelle Obama</li>
            <li>The Night Circus by Erin Morgenstern</li>
            <li>The Great Gatsby by F. Scott Fitzgerald</li>
        </ul>
    </div>

    <div class="column right-column">
        <h2>Favorite Celebrities/Athletes</h2>
        <ul>
            <li>Leonardo DiCaprio</li>
            <li>Serena Williams</li>
            <li>Chris Hemsworth</li>
            <li>Emma Watson</li>
        </ul>
    </div>
</div>

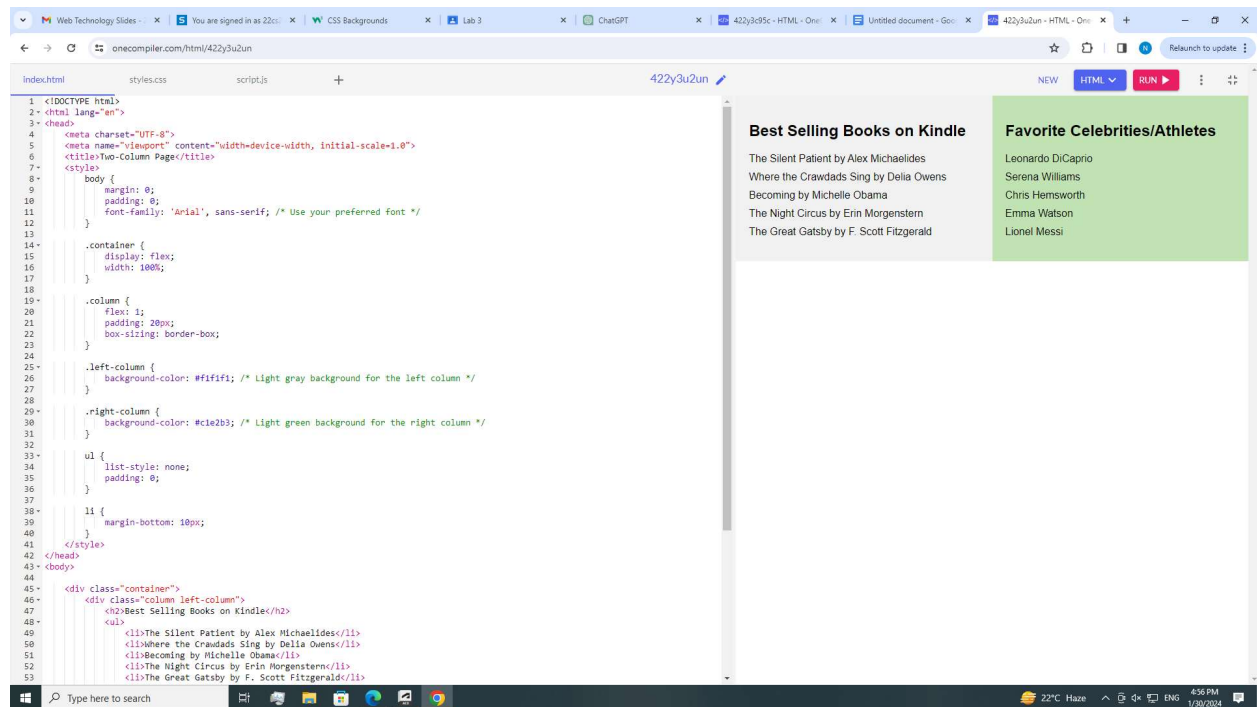
```

```

        <li>Lionel Messi</li>
    </ul>
</div>
</div>

</body>
</html>

```



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.

Ans:-

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Sample Webpage with Navbar</title>
</style>
    body {
        margin: 0;
        padding: 0;
        font-family: 'Arial', sans-serif; /* Use your preferred font */
    }

```

```

nav {
    background-color: #add8e6; /* Light blue background for the navbar */
    padding: 10px;
}

nav ul {
    list-style: none;
    padding: 0;
    margin: 0;
    text-align: center;
}

nav li {
    display: inline;
    margin-right: 20px;
}

nav a {
    text-decoration: none;
    color: #000; /* Black text color for links */
}

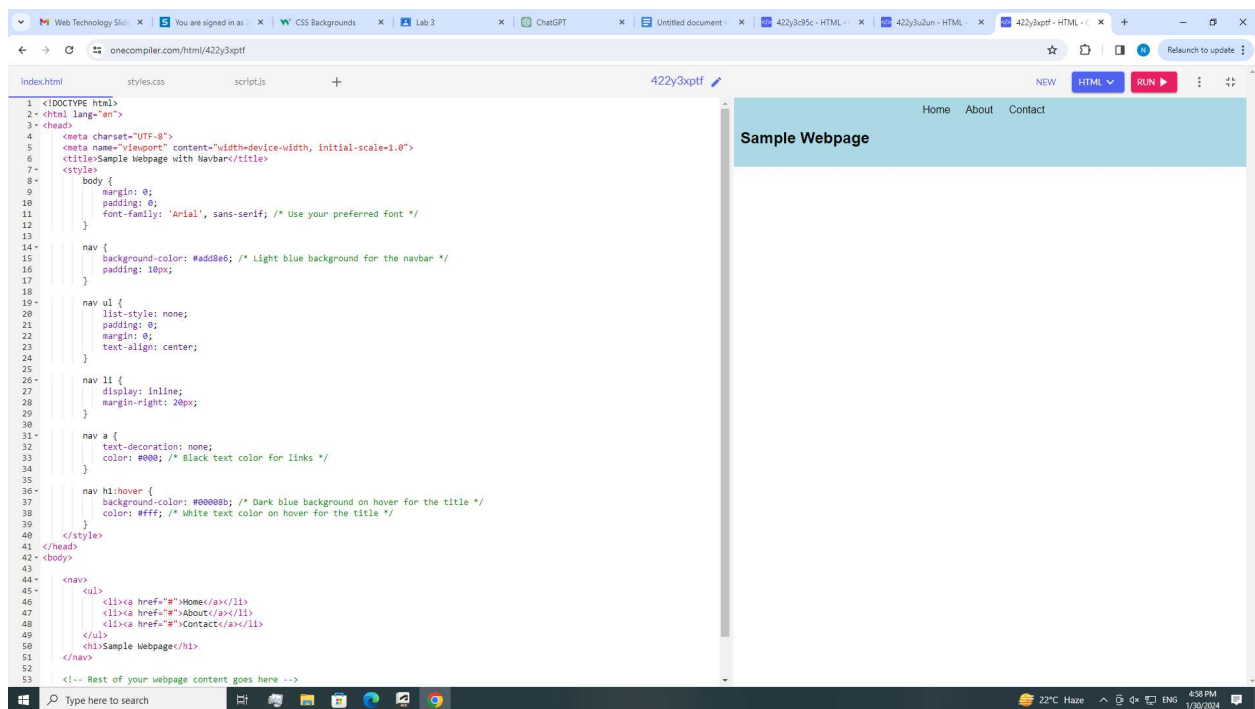
nav h1:hover {
    background-color: #00008b; /* Dark blue background on hover for the title */
    color: #fff; /* White text color on hover for the title */
}
</style>
</head>
<body>

<nav>
    <ul>
        <li><a href="#">Home</a></li>
        <li><a href="#">About</a></li>
        <li><a href="#">Contact</a></li>
    </ul>
    <h1>Sample Webpage</h1>
</nav>

<!-- Rest of your webpage content goes here -->

</body>
</html>

```



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

Ans:-

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Spinning Playing Card</title>
```

```
  <style>
```

```
    @keyframes spin {
```

```
      0% { transform: rotate(0deg); }
```

```
      100% { transform: rotate(360deg); }
```

```
    }
```

```
  .playing-card {
```

```
    width: 150px; /* Adjust the size of the playing card as needed */
```

```
    height: auto;
```

```
    animation: spin 5s linear infinite; /* Adjust the duration or timing function as needed */
```

```
  }
```

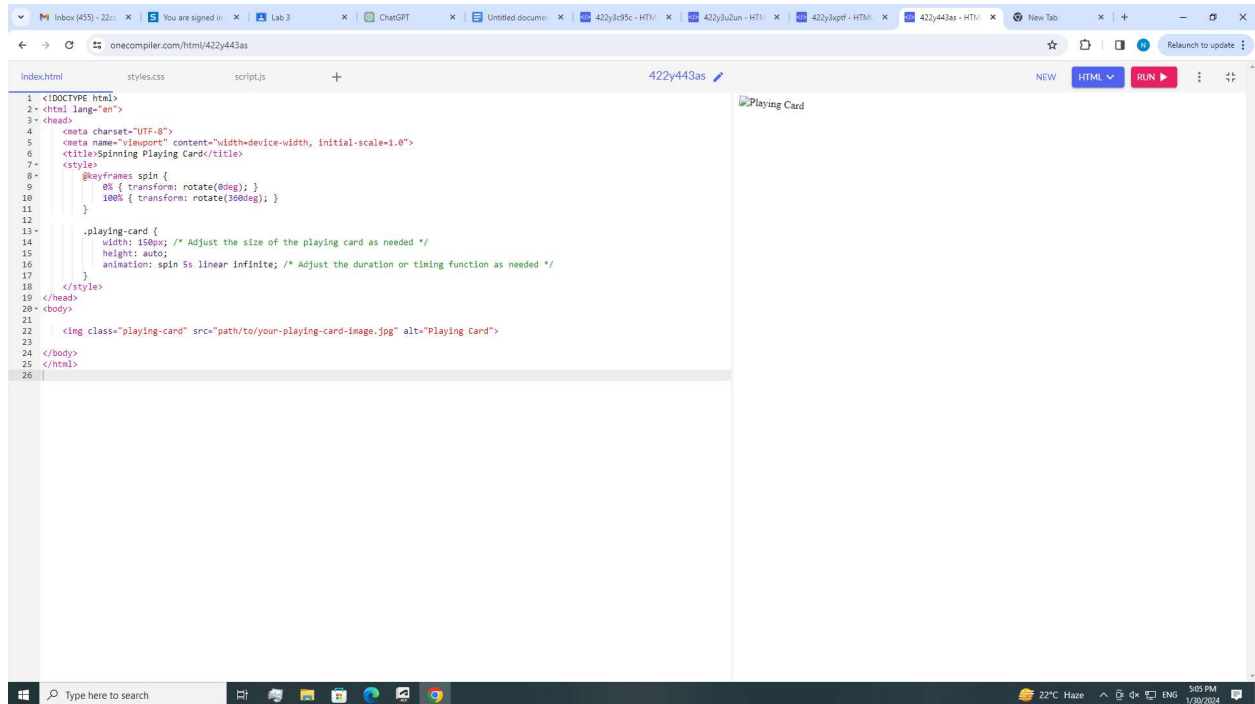
```
  </style>
```

```
</head>
```

```
<body>
```


</body>

</html>



T8. 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.

Ans:-

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="styles.css">

<title>Horizontal Dropdown Menu</title>

</head>

<body>

<nav class="menu">

Home

<li class="submenu">

Categories

<ul class="dropdown">

Category 1


```
        <li><a href="#">Category 2</a></li>
        <li><a href="#">Category 3</a></li>
    </ul>
</li>
<li><a href="#">Products</a></li>
<li class="submenu">
    <a href="#">Services</a>
    <ul class="dropdown">
        <li><a href="#">Service 1</a></li>
        <li><a href="#">Service 2</a></li>
        <li><a href="#">Service 3</a></li>
    </ul>
</li>
<li><a href="#">Contact</a></li>
</ul>
</nav>

</body>
</html>
```

```
body {
    margin: 0;
    padding: 0;
    font-family: 'Arial', sans-serif;
}
```

```
.menu {
    background-color: #333;
    display: flex;
}
```

```
.menu ul {
    list-style: none;
    padding: 0;
    margin: 0;
}
```

```
.menu li {
    position: relative;
}
```

```
.menu a {
    display: block;
    color: #fff;
```

```

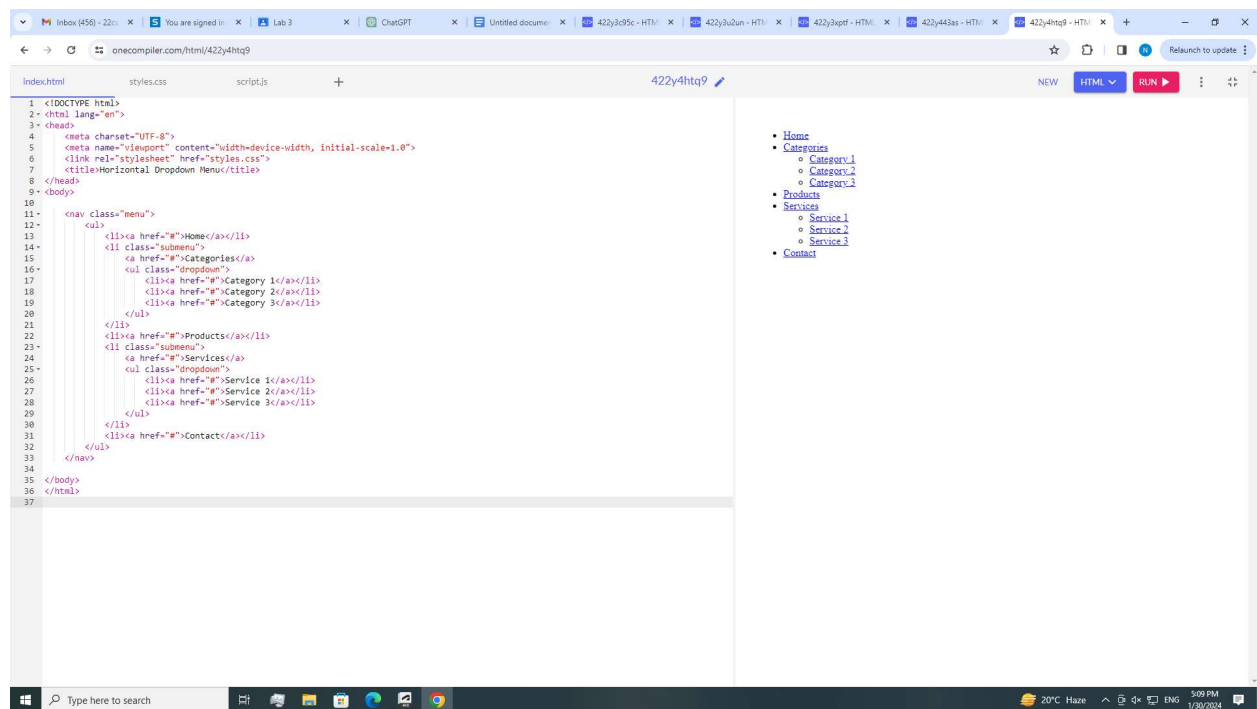
text-decoration: none;
padding: 15px 20px;
}

.menu .submenu {
  position: relative;
}

.menu .dropdown {
  display: none;
  position: absolute;
  top: 100%;
  left: 0;
  background-color: #333;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

.menu .submenu:hover .dropdown {
  display: block;
}

```



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

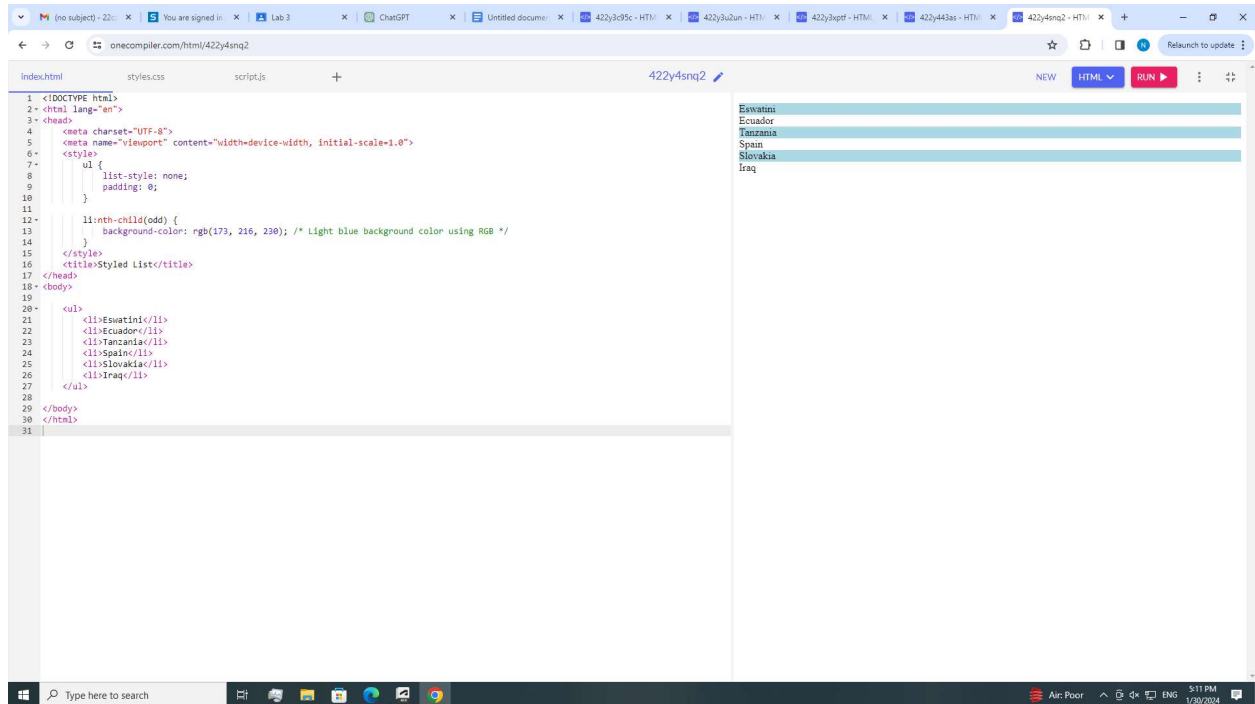
Ans:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <style>
    ul {
      list-style: none;
      padding: 0;
    }

    li:nth-child(odd) {
      background-color: rgb(173, 216, 230); /* Light blue background color using RGB */
    }
  </style>
  <title>Styled List</title>
</head>
<body>

  <ul>
    <li>Eswatini</li>
    <li>Ecuador</li>
    <li>Tanzania</li>
    <li>Spain</li>
    <li>Slovakia</li>
    <li>Iraq</li>
  </ul>

</body>
</html>
```



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

Ans:-

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <style>
```

```
    table {
      width: 100%;
      border-collapse: collapse;
      font-family: 'Arial', sans-serif;
    }
```

```
    th, td {
      padding: 10px;
      border: 1px solid #ddd;
```

```

        text-align: left;
        font-size: 14px;
    }

    th {
        background-color: black;
        color: white;
    }

    tr:nth-child(odd) {
        background-color: lightgray;
    }
</style>
<title>Styled Table</title>
</head>
<body>

<table>
  <thead>
    <tr>
      <th>Country</th>
      <th>Capital</th>
      <th>Language</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>Albania</td>
      <td>Tirana</td>
      <td>Albanian</td>
    </tr>
    <tr>
      <td>Papua New Guinea</td>
      <td>Port Moresby</td>
      <td>English</td>
    </tr>
    <tr>
      <td>Latvia</td>
      <td>Riga</td>
      <td>Latvian</td>
    </tr>
    <tr>
      <td>France</td>
      <td>Paris</td>

```

```

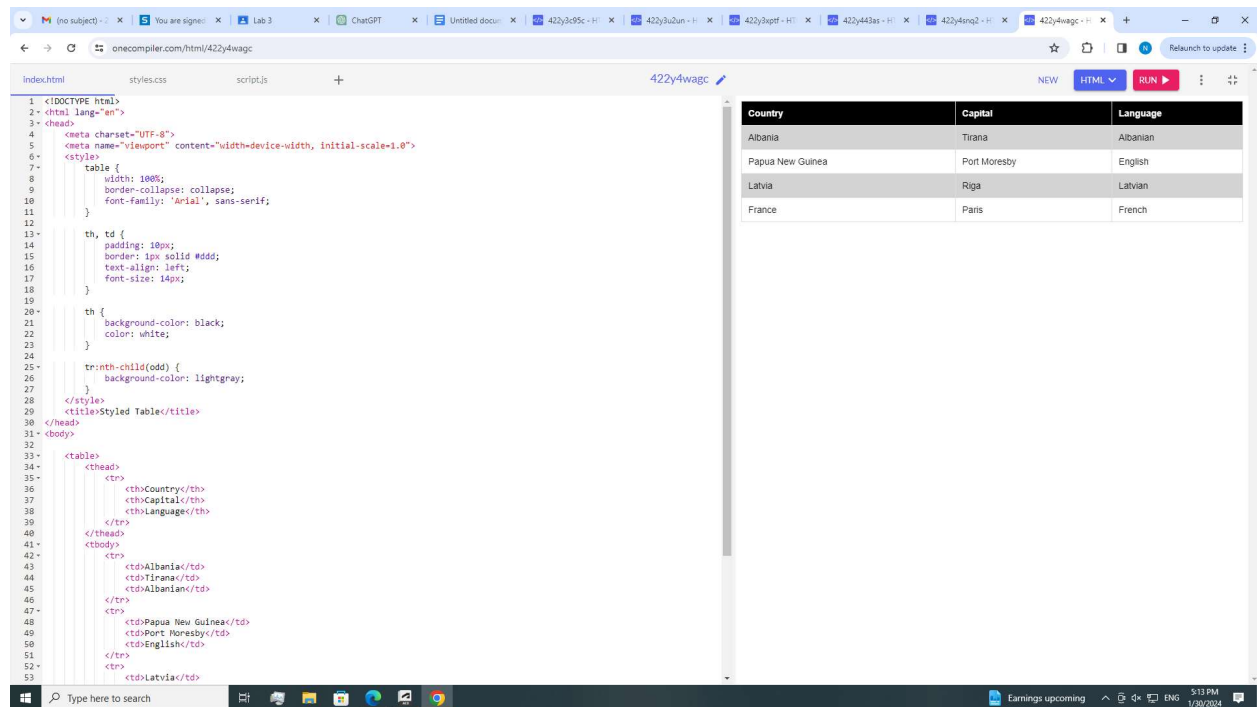
        <td>French</td>
    </tr>
</tbody>
</table>

```

```

</body>
</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.

Ans:-

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="css/styles.css">
    <title>Your Username - Homepage</title>
</head>
<body>

    <header>

```

```
<nav>
  <ul>
    <li><a href="index.html">Home</a></li>
    <li><a href="hobbies.html">Hobbies</a></li>
    <li><a href="teams.html">Teams</a></li>
  </ul>
</nav>
</header>

<main>
  <div class="container">
    <div class="column">
      <h1>Welcome to My Homepage</h1>
      <p>This is a brief description of myself and my interests.</p>
    </div>
    <div class="column">
      
    </div>
  </div>
</main>

<footer>
  <p>&copy; 2024 Your Username. All rights reserved.</p>
</footer>
```

```
</body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="css/styles.css">
  <title>Your Username - Hobbies/Teams</title>
</head>
<body>
```

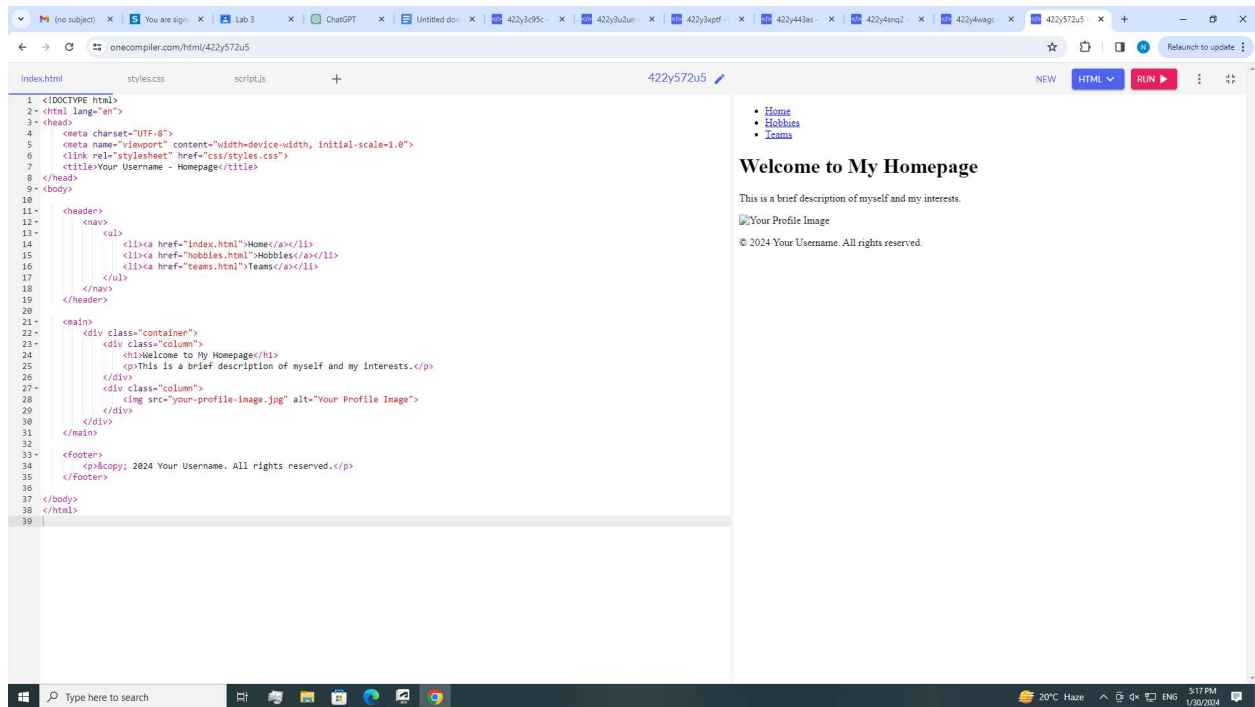
```
  <header>
    <nav>
      <ul>
        <li><a href="index.html">Home</a></li>
        <li><a href="hobbies.html">Hobbies</a></li>
        <li><a href="teams.html">Teams</a></li>
```

```
</ul>
</nav>
</header>
```

```
<main>
  <!-- Your content here -->
</main>
```

```
<footer>
  <p>&copy; 2024 Your Username. All rights reserved.</p>
</footer>
```

```
</body>
</html>
```



no subje... You are s... Lab 3 CharGPT Untitled d... 422y3d5... 422y3u2... 422y3qpt... 422y443... 422y4eq... 422y4eq... 422y572... 422y57vp... +

onecompiler.com/html/422y57vpr

Relaunch to update

index.html styles.css scripts.js + 422y57vpr NEW HTML RUN

```
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="css/styles.css">
7   <title>Your Username - Hobbies/Teams</title>
8 </head>
9 <body>
10
11   <header>
12     <nav>
13       <ul>
14         <li><a href="index.html">Home</a></li>
15         <li><a href="hobbies.html">Hobbies</a></li>
16         <li><a href="teams.html">Teams</a></li>
17       </ul>
18     </nav>
19   </header>
20
21   <main>
22     <!-- Your content here -->
23   </main>
24
25   <footer>
26     <p>&copy; 2024 Your Username. All rights reserved.</p>
27   </footer>
28
29 </body>
30 </html>
31
```

- [Home](#)
- [Hobbies](#)
- [Teams](#)

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Type here to search

20°C Haze 5:18 PM 1/20/2024