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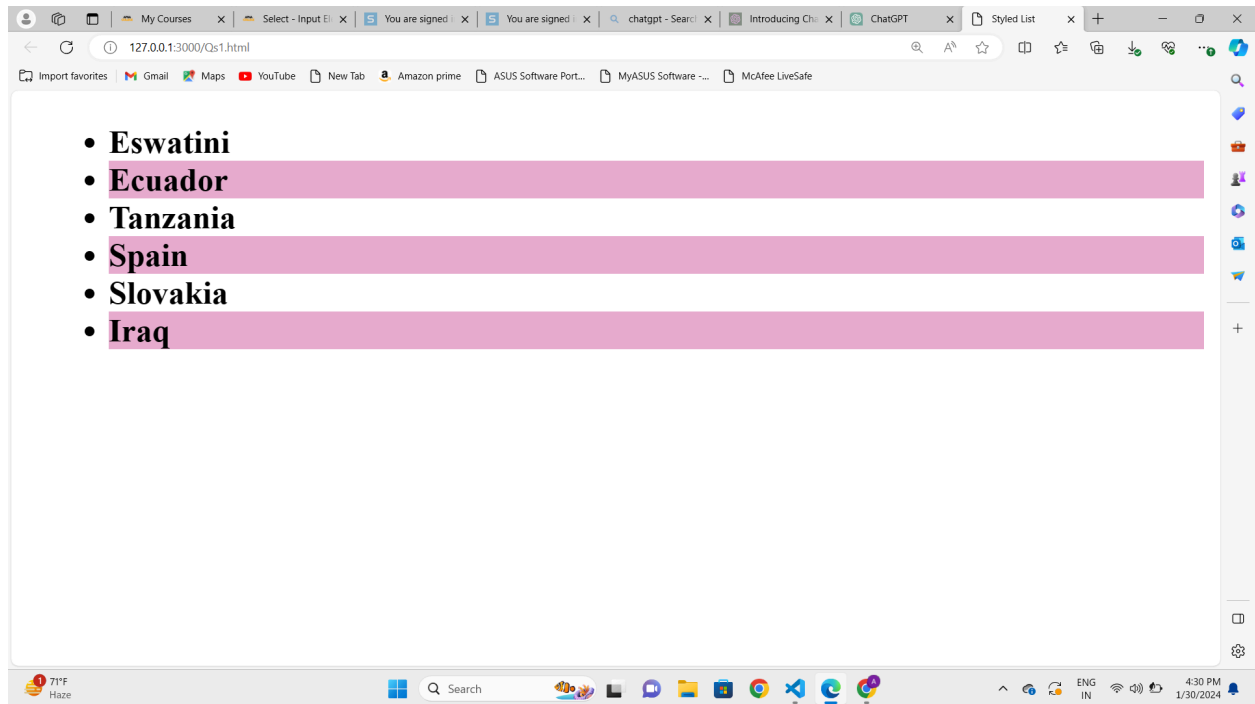
T1. Add a CSS rule and appropriate html to style every other line of the unordered list with a light blue background color. Specify the background color using the rgb method.

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

code-`<!DOCTYPE html>`

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <style>
    /* Add CSS rule for every other list item */
    ul li:nth-child(even) {
      background-color: rgb(230, 173, 206); /* Light Pink.*/
    }
  </style>
  <title>Styled List</title>
</head>
<body>
  <ul>
    <li><b>Eswatini</b></li>
    <li><b>Ecuador</b></li>
    <li><b>Tanzania</b></li>
    <li><b>Spain</b></li>
    <li><b>Slovakia</b></li>
    <li><b>Iraq</b></li>
  </ul>
</body>
</html>
```

Output-



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

Code-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <style>
    /* Table styling */
    table {
      border-collapse: collapse;
      width: 100%;
      font-family: sans-serif;
      font-size: 14px;
```

```

    }

    /* Header row styling */
    th {
        background-color: black;
        color: white;
    }

    /* Odd row styling */
    tr:nth-child(odd) {
        background-color: rgb(211, 211, 211);
    }
</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>
        </tbody>
    </table>
</body>
</html>

```

```

        <tr>
            <td>France</td>
            <td>Paris</td>
            <td>French</td>
        </tr>
    </tbody>
</table>
</body>
</html>

```

Output-

Country	Capital	Language
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.

Code-

```

<!DOCTYPE html>
<html lang="en">
<head>

```

```
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<style>
    body {
        font-family: sans-serif;
    }

    h1 {
        font-family: 'Arial', sans-serif; /* Replace 'Arial' with your
preferred sans-serif font */
    }

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

    li {
        margin-bottom: 5px;
        padding: 8px;
    }

    /* Meat ingredients styling */
    li.meat {
        background-color: lightcoral;
    }

    /* Vegetable ingredients styling */
    li.vegetable {
        background-color: lightgreen;
    }

    /* Dairy ingredients styling */
    li.dairy {
        background-color: lightyellow;
    }

    h2 {
        font-style: italic;
    }

```

```

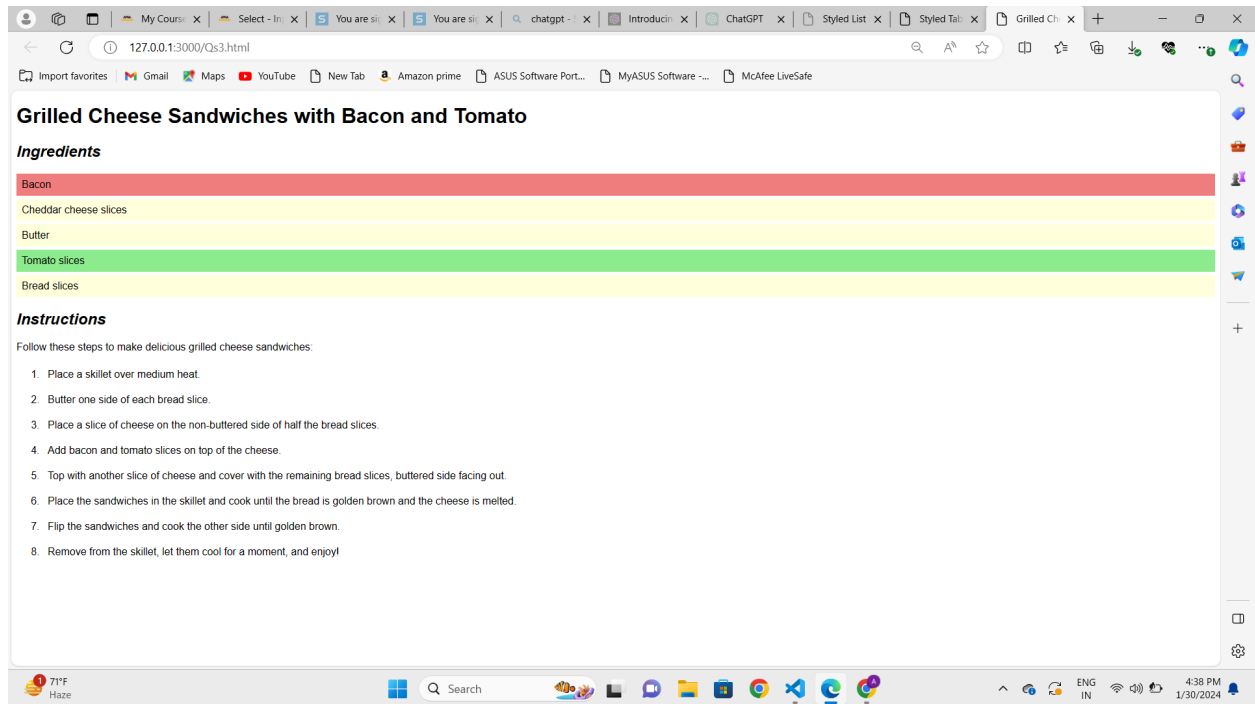
</style>
<title>Grilled Cheese Sandwiches with Bacon and Tomato</title>
</head>
<body>
  <h1>Grilled Cheese Sandwiches with Bacon and Tomato</h1>

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

  <h2>Instructions</h2>
  <p>Follow these steps to make delicious grilled cheese sandwiches:</p>
  <ol>
    <li>Place a skillet over medium heat.</li>
    <li>Butter one side of each bread slice.</li>
    <li>Place a slice of cheese on the non-buttered side of half the bread slices.</li>
    <li>Add bacon and tomato slices on top of the cheese.</li>
    <li>Top with another slice of cheese and cover with the remaining bread slices, buttered side facing out.</li>
    <li>Place the sandwiches in the skillet and cook until the bread is golden brown and the cheese is melted.</li>
    <li>Flip the sandwiches and cook the other side until golden brown.</li>
    <li>Remove from the skillet, let them cool for a moment, and enjoy!</li>
  </ol>
</body>
</html>

```

Output-



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.

Code-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <style>
    body {
      margin: 0;
      font-family: sans-serif;
    }

    /* Container for two columns */
    .container {
      display: flex;
    }
  </style>
</head>
<body>
  <div class="container">
    <div class="column">
      <h3>5 Best Selling Books in Amazon's Kindle Store</h3>
      <ol>
        <li>1. The Hunger Games by Suzanne Collins</li>
        <li>2. The Fault in Our Stars by John Green</li>
        <li>3. The Girl on the Train by Lucy Flett</li>
        <li>4. The Seven Husbands of Evelyn Hugo by Taylor Jenkins Reid</li>
        <li>5. The Night Circus by Erin Morgenstern</li>
      </ol>
    </div>
    <div class="column">
      <h3>5 Favorite Celebrities or Athletes</h3>
      <ol>
        <li>1. Cristiano Ronaldo</li>
        <li>2. Lionel Messi</li>
        <li>3. Neymar Jr</li>
        <li>4. Kylian Mbappé</li>
        <li>5. Erling Haaland</li>
      </ol>
    </div>
  </div>
</body>
</html>
```

```

/* Left column styling */
.left-column {
    flex: 1;
    background-color: lightgray;
    padding: 20px;
}

/* Right column styling */
.right-column {
    flex: 1;
    background-color: lightgreen;
    padding: 20px;
}

/* Styling for the lists */
ul {
    list-style-type: none;
    padding: 0;
}

li {
    margin-bottom: 10px;
}
</style>
<title>Two Columns Page</title>
</head>
<body>
    <div class="container">
        <div class="left-column">
            <h2>Best Selling Books on Amazon Kindle</h2>
            <ul>
                <li>"The Silent Patient" by Alex Michaelides</li>
                <li>"Where the Crawdads Sing" by Delia Owens</li>
                <li>"Educated" by Tara Westover</li>
                <li>"Becoming" by Michelle Obama</li>
                <li>"The Subtle Art of Not Giving a F*ck" by Mark
Manson</li>
            </ul>
        </div>
        <div class="right-column">

```

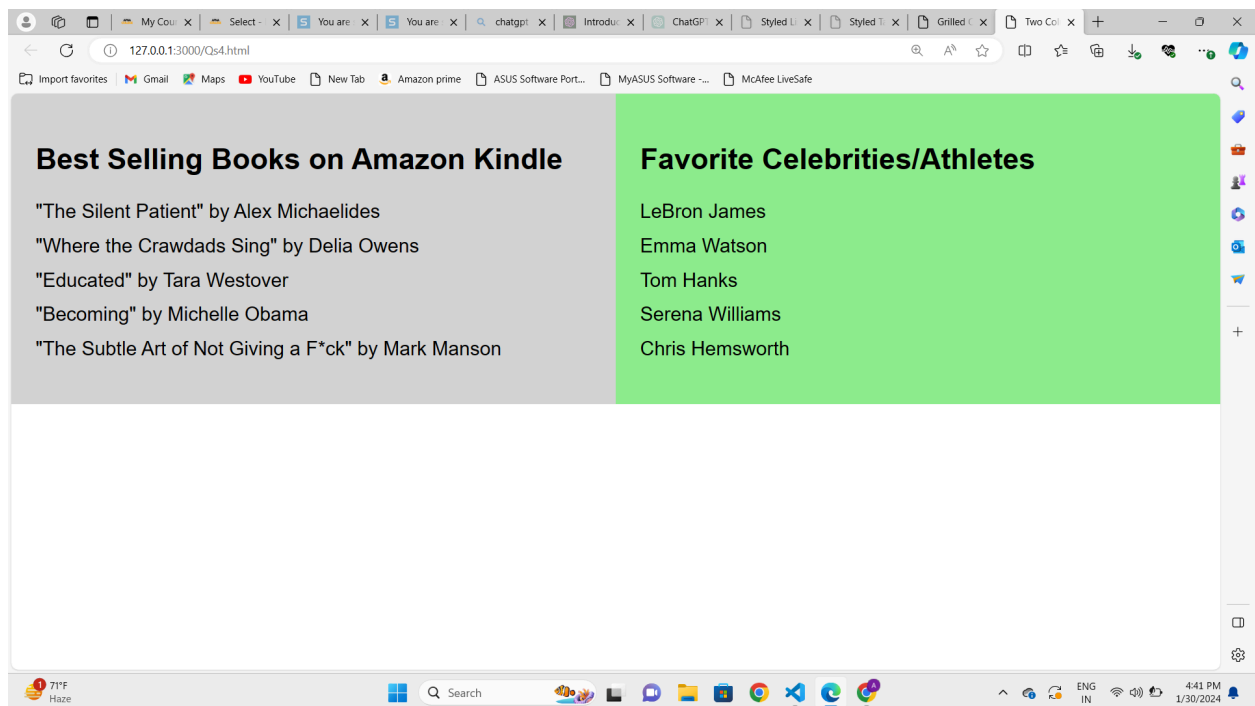


```

    <h2>Favorite Celebrities/Athletes</h2>
    <ul>
      <li>LeBron James</li>
      <li>Emma Watson</li>
      <li>Tom Hanks</li>
      <li>Serena Williams</li>
      <li>Chris Hemsworth</li>
    </ul>
  </div>
</div>
</body>
</html>

```

Output-



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.

Code-

```

<!DOCTYPE html>
<html lang="en">
<head>

```

```
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<style>
    body {
        margin: 0;
        font-family: sans-serif;
    }

    /* Navbar styling */
    nav {
        background-color: lightblue;
        padding: 10px;
        text-align: center;
    }

    ul {
        list-style-type: none;
        padding: 0;
        display: inline;
    }

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

    /* Title styling */
    h1 {
        display: inline;
        margin: 0;
        color: #333; /* Darker blue */
        transition: background-color 0.3s ease-in-out;
    }

    h1:hover {
        background-color: #66a3ff; /* Lighter blue on hover */
    }
</style>
<title>Sample Webpage with Navbar</title>
</head>
```

```

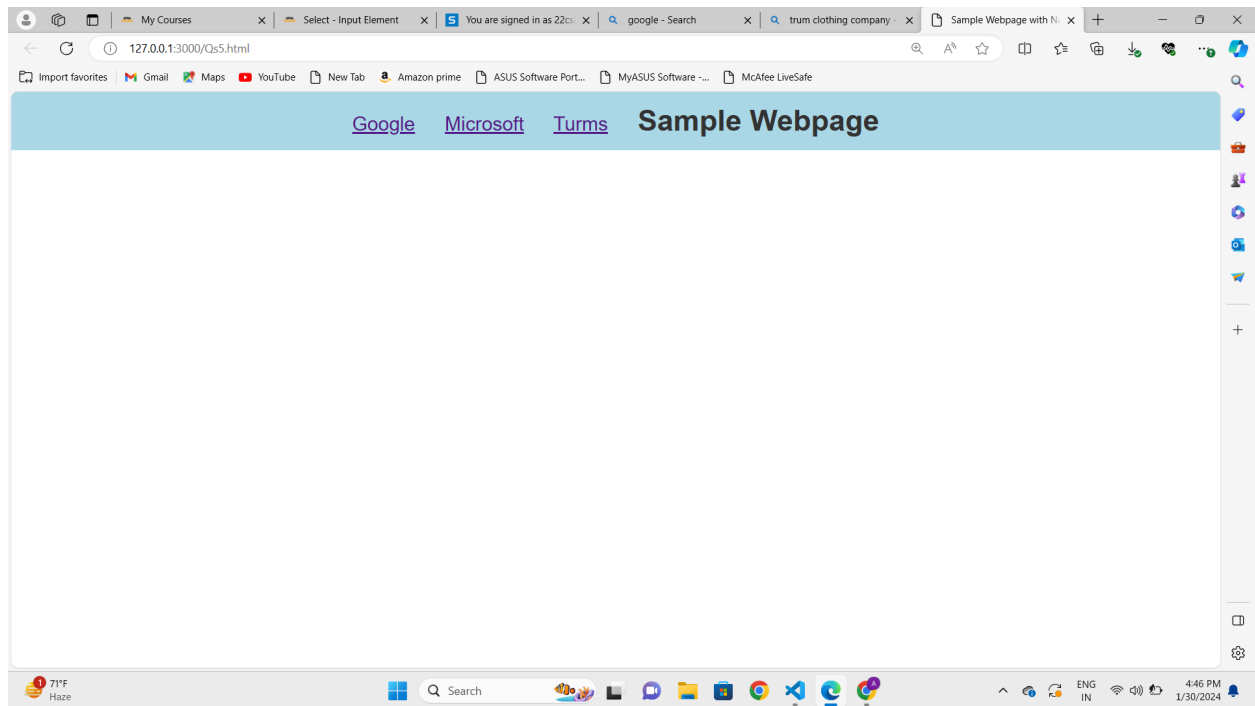
<body>
  <nav>
    <ul>
      <li><a href="https://www.google.co.in/">Google</a></li>
      <li><a
href="https://www.microsoft.com/en-in">Microsoft</a></li>
      <li><a href="https://urturms.com/">Turms</a></li>
    </ul>
    <h1>Sample Webpage</h1>
  </nav>

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

</body>
</html>

```

Output-



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

Code-

```

<!DOCTYPE html>
<html lang="en">

```

```

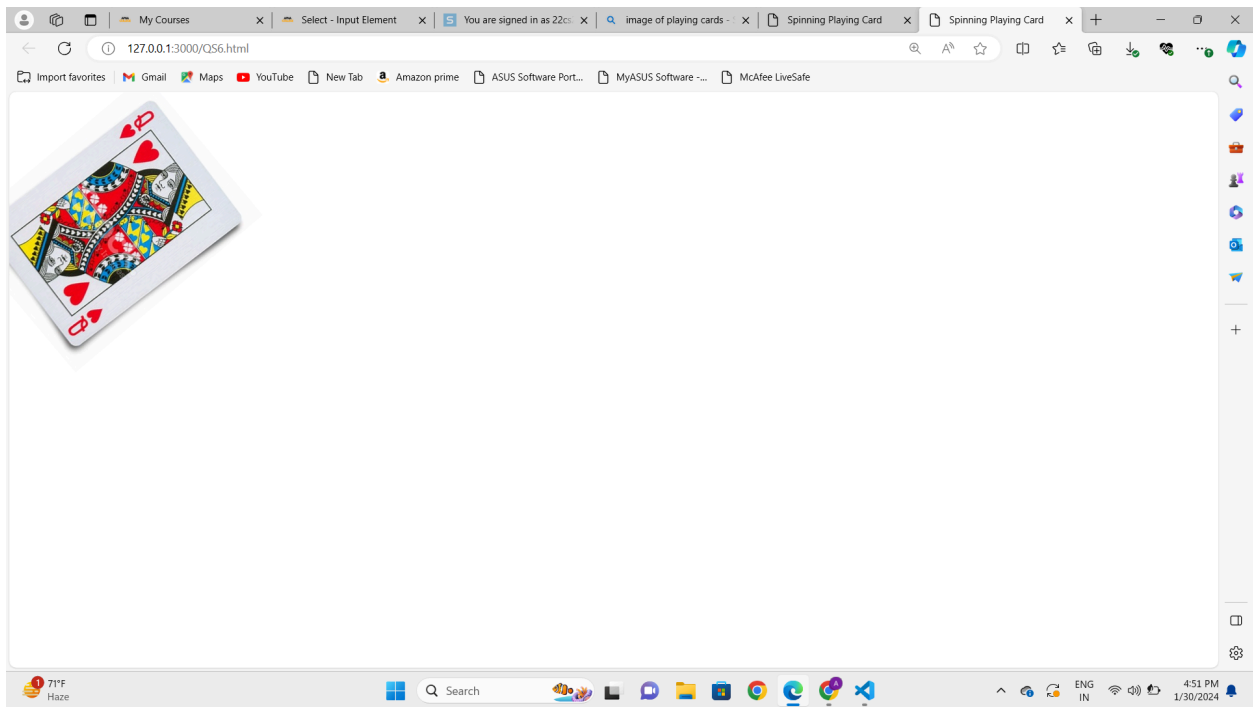
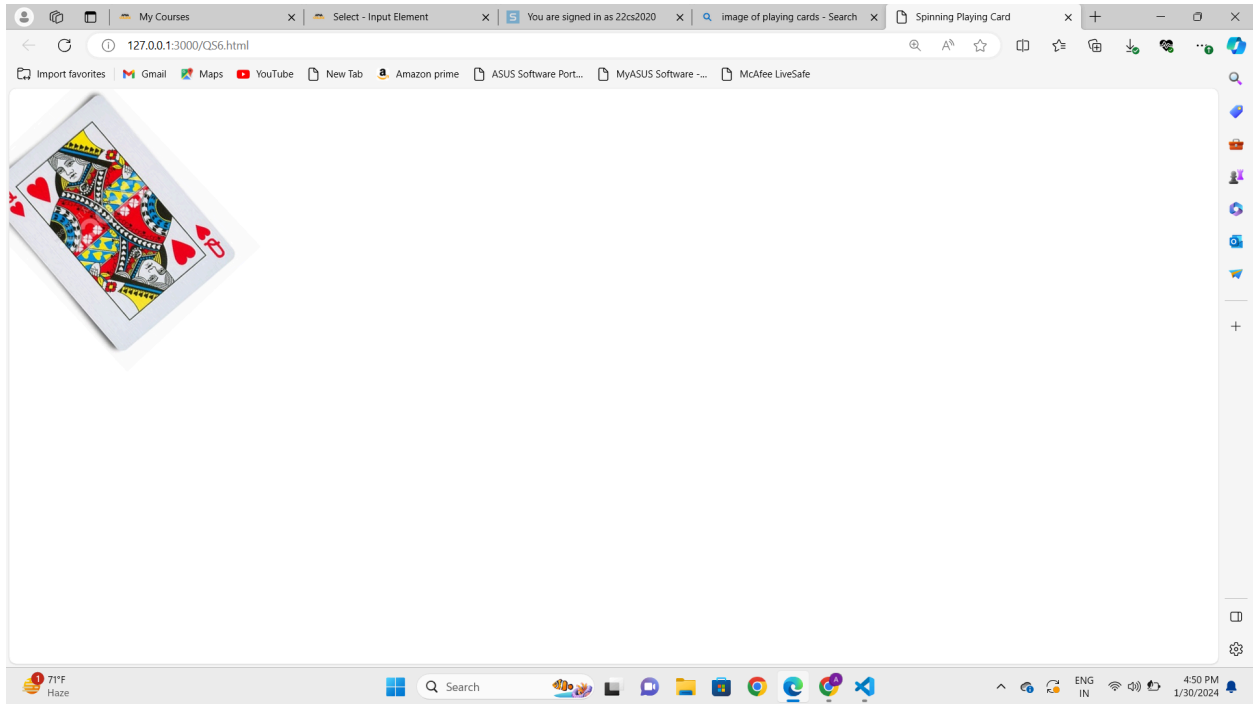
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <style>
    @keyframes spin {
      0% { transform: rotate(0deg); }
      100% { transform: rotate(360deg); }
    }

    /* Card styling */
    .playing-card {
      width: 150px;
      height: 200px;
      background-image:
url('https://th.bing.com/th?id=OIP.M58Zdh4HoM6_5QHdJ_SWBAHaJn&w=219&h=284&
c=8&rs=1&qlt=90&o=6&dpr=1.3&pid=3.1&rm=2'); /* Replace with the actual
path */

      background-size: cover;
      transition: transform 2s linear infinite; /* Endlessly repeat
the animation */
      animation: spin 4s linear infinite; /* Endlessly repeat the
spin animation */
    }
  </style>
  <title>Spinning Playing Card</title>
</head>
<body>
  <div class="playing-card"></div>
</body>
</html>

```

Output-



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.

Code-

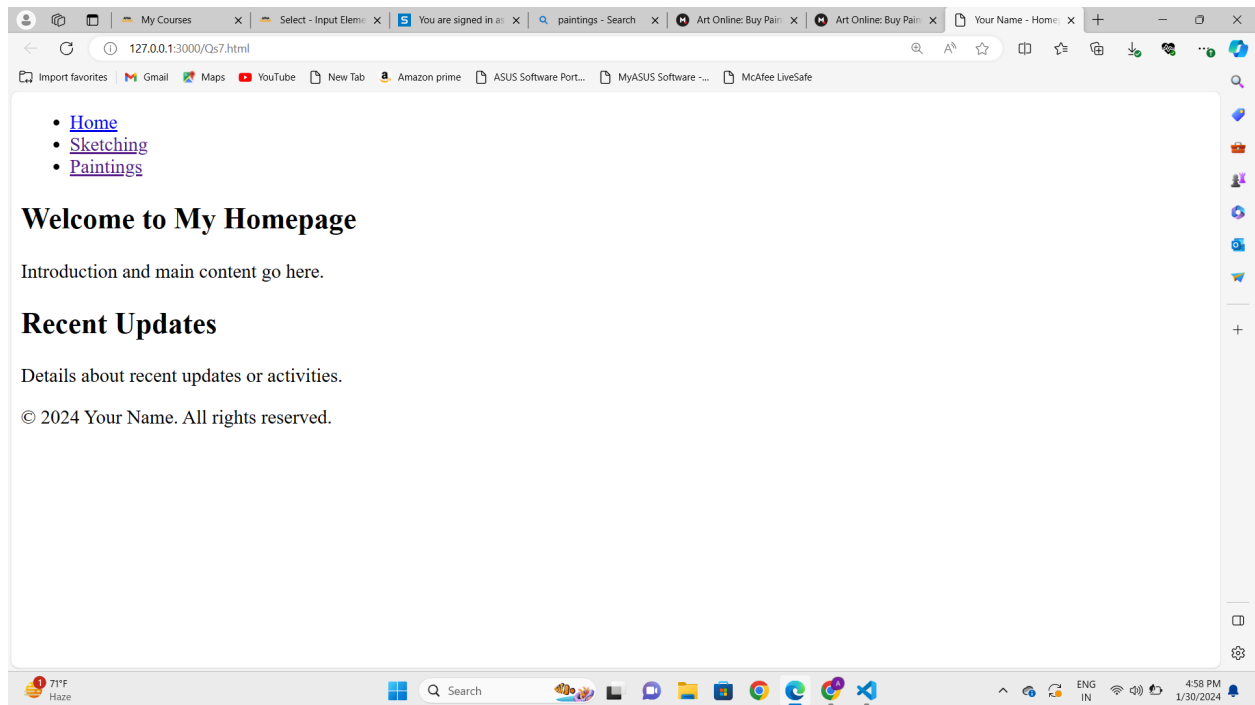
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="styles.css">
  <title>Your Name - Homepage</title>
</head>
<body>
  <header>
    <nav>
      <ul>
        <li><a href="index.html">Home</a></li>
        <li><a href="https://www.creativebloq.com/illustration/sketching-tips-beginners-81516497">Sketching</a></li>
        <li><a href="https://www.mojarto.com/">Paintings</a></li>
      </ul>
    </nav>
  </header>

  <div class="container">
    <section class="main-content">
      <h1>Welcome to My Homepage</h1>
      <p>Introduction and main content go here.</p>
    </section>

    <aside class="sidebar">
      <h2>Recent Updates</h2>
      <p>Details about recent updates or activities.</p>
    </aside>
  </div>

  <footer>
    <p>&copy; 2024 Your Name. All rights reserved.</p>
  </footer>
</body>
</html>
```

Output-



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.

Code-

```
<!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 Menu with Dropdown Submenus</title>
</head>
<body>

  <nav class="horizontal-menu">
    <ul>
      <li><a href="#">Home</a></li>
      <li class="submenu">
        <a href="#">Products</a>
        <ul class="submenu-content">
          <li><a href="#">Category 1</a></li>
```

```

        <li><a href="#">Category 2</a></li>
        <li><a href="#">Category 3</a></li>
    </ul>
</li>
<li class="submenu">
    <a href="#">Services</a>
    <ul class="submenu-content">
        <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="#">About Us</a></li>
<li><a href="#">Contact</a></li>
</ul>
</nav>
</body>
</html>

```

Output-

