

Web Technology Lab 3

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Roll No.- 22cs2019

T1.

```
lab3.html > html > body > ul > li
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    <title>CSS Rule</title>
7    <style>
8      li:nth-child(even){
9        background-color: rgb(89, 89, 187);
10     }
11   </style>
12 </head>
13 <body>
14   <ul>
15     <li>Eswatini</li>
16     <li>Ecuador</li>
17     <li>Tanzania</li>
18     <li>Spain</li>
19     <li>Slovakia</li>
20     <li>Iraq</li>
21   </ul>
22 </body>
23 </html>
```

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

T2.

```
lab3.html > html > head > style > tbody tr:nth-child(odd)
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      <title>CSS Rule</title>
7      <style>
8          table {
9              border-collapse: collapse;
10             width: 100%;
11         }
12         th, td {
13             border: 1px solid black;
14             padding: 8px;
15             text-align: left;
16             font-size: 14px;
17             font-family: sans-serif;
18         }
19         thead {
20             background-color: black;
21             color: white;
22         }
23         tbody tr:nth-child(odd) {
24             background-color: lightgray;
25         }
26     </style>
27 </head>
28 <body>
29     <table>
30         <thead>
31             <tr>
32                 <th>Country</th>
33                 <th>Capital</th>
34                 <th>Language</th>
35             </tr>
36         </thead>
37         <tbody>
```

```

</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>

```

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

T3.

```
lab3.html > html > head > style
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      <title>CSS Rule</title>
7  <style>
8  body {
9      font-family: 'Arial', sans-serif; /* Sans-serif font */
10     line-height: 1.6;
11     margin: 20px;
12 }
13 h1 {
14     font-family: 'Helvetica', sans-serif; /* Sans-serif font for title */
15     color: #333;
16 }
17 ul {
18     list-style: none;
19     padding: 0;
20 }
21 li {
22     margin-bottom: 8px;
23     padding: 8px;
24 }
25 .meat {
26     background-color: lightcoral;
27 }
28 .vegetable {
29     background-color: lightgreen;
30 }
31 .dairy {
32     background-color: lightyellow;
33 }
34 h2 {
35     font-style: italic;
36     color: #333;
37 }
```

```
lab3.html > ...
34     h2 {
35         font-style: italic;
36         color: #333;
37     }
38 </style>
39 </head>
40 <body>
41     <h1>Grilled Cheese Sandwiches with Bacon and Tomato</h1>
42     <h2>Ingredients</h2>
43     <ul>
44         <li class="meat">Bacon</li>
45         <li class="dairy">Cheese</li>
46         <li class="vegetable">Tomato</li>
47         <li class="dairy">Butter</li>
48         <li class="meat">Bread</li>
49     </ul>
50     <h2>Instructions</h2>
51     <p>
52         Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed at metus quis mi fermentum varius.
53         Fusce volutpat, leo in commodo tincidunt, tortor ligula semper erat, eget condimentum libero elit non
54         felis. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas.
55     </p>
56 </body>
57 </html>
```

Grilled Cheese Sandwiches with Bacon and Tomato

Ingredients

Bacon
Cheese
Tomato
Butter
Bread

Instructions

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed at metus quis mi fermentum varius. Fusce volutpat, leo in commodo tincidunt, tortor ligula semper erat, eget condimentum libero elit non felis. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas.

T4.

```
lab3.html > html > body > div.container > div.column.left-column > ul > li
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      <title>Two Columns WebPage</title>
7      <style>
8          body {
9              margin: 0;
10             padding: 0;
11             font-family: 'Arial', sans-serif;
12         }
13         .container {
14             display: flex;
15             width: 100%;
16         }
17         .column {
18             flex: 1;
19             padding: 20px;
20             box-sizing: border-box;
21         }
22         .left-column {
23             background-color: lightgray;
24         }
25         .right-column {
26             background-color: lightgreen;
27         }
28         ul {
29             list-style: none;
30             padding: 0;
31         }
32         li {
33             margin-bottom: 10px;
34         }
35     </style>
36 </head>
37 <body>
```

```
<body>
  <div class="container">
    <div class="column left-column">
      <h2>Best Selling Books on Kindle</h2>
      <ul>
        <li>Book 1</li>
        <li>Book 2</li>
        <li>Book 3</li>
        <li>Book 4</li>
        <li>Book 5</li>
      </ul>
    </div>
    <div class="column right-column">
      <h2>Favorite Celebrities/Athletes</h2>
      <ul>
        <li>Celebrity 1</li>
        <li>Celebrity 2</li>
        <li>Celebrity 3</li>
        <li>Celebrity 4</li>
        <li>Celebrity 5</li>
      </ul>
    </div>
  </div>
</body>
</html>
```



T5.

```
lab3.html > html > body > nav > h1
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      <title>Two Columns WebPage</title>
7  <style>
8      body {
9          margin: 0;
10         padding: 0;
11         font-family: 'Arial', sans-serif;
12     }
13     nav {
14         background-color: lightblue;
15         padding: 10px;
16         text-align: center;
17     }
18     nav h1 {
19         margin: 0;
20         color: #333;
21         transition: background-color 0.3s;
22     }
23     nav h1:hover {
24         background-color: darkblue;
25         color: #fff;
26     }
27     nav ul {
28         list-style: none;
29         padding: 0;
30         margin: 0;
31     }
32     nav li {
33         display: inline;
34         margin-right: 15px;
35     }
36     nav a {
37         text-decoration: none;
```



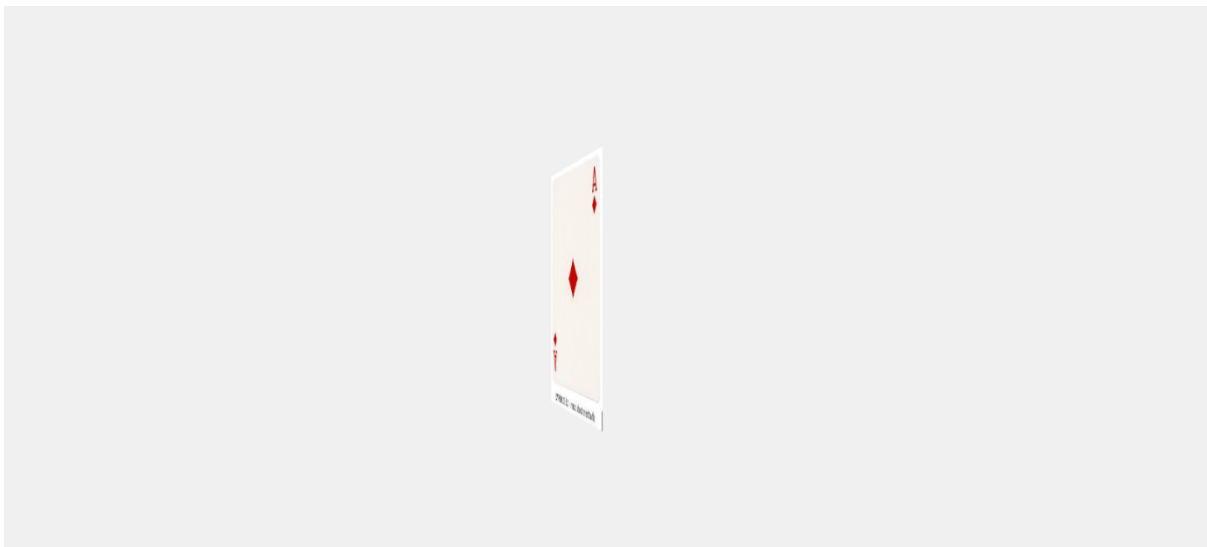
```
    nav a {
      text-decoration: none;
      color: #333;
      transition: color 0.3s;
    }
    nav a:hover {
      color: darkblue;
    }
  </style>
</head>
<body>
  <nav>
    <h1>Website Title</h1>
    <ul>
      <li><a href="#">Home</a></li>
      <li><a href="#">About</a></li>
      <li><a href="#">Contact</a></li>
    </ul>
  </nav>
</body>
</html>
```

Website Title

[Home](#) [About](#) [Contact](#)

T6.

```
lab3.html > html > head > style > .card-container
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Two Columns WebPage</title>
7   <style>
8     body {
9       margin: 0;
10      padding: 0;
11      display: flex;
12      align-items: center;
13      justify-content: center;
14      height: 100vh;
15      background-color: #f0f0f0;
16    }
17    .card-container {
18      width: 200px;
19      height: 300px;
20      perspective: 800px;
21    }
22    .spinning-card {
23      width: 100%;
24      height: 100%;
25      transform-style: preserve-3d;
26      animation: spin 5s linear infinite;
27    }
28    @keyframes spin {
29      from {
30        transform: rotateY(0deg);
31      }
32      to {
33        transform: rotateY(360deg);
34      }
35    }
36  </style>
37  </head>
38  <body>
39    <div class="card-container">
40      
41    </div>
```



T7.

```
> <> index.html > html > head > link
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 |   <header>
11 |     <nav>
12 |       <ul>
13 |         <li><a href="index.html">Home</a></li>
14 |         <li><a href="hobbies.html">Hobbies</a></li>
15 |         <li><a href="teams.html">Favorite Teams</a></li>
16 |       </ul>
17 |     </nav>
18 |   </header>
19
20 |   <div class="container">
21 |     <div class="main-content">
22 |       <h1>Welcome to My Homepage</h1>
23 |       <p>This is the main content of your homepage.</p>
24 |     </div>
25 |   </div>
26
27 |   <footer>
28 |     <p>&copy; 2024 Your Name. All rights reserved.</p>
29 |   </footer>
30 </body>
31 </html>
```

```
<title>Hobbies</title>
<link rel="stylesheet" href="styles.css">
</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">Favorite Teams</a></li>
      </ul>
    </nav>
  </header>
  <div class="content">
    <div class="left-column">
      <h2>Outdoor Activities</h2>
      <ul>
        <li>Hiking</li>
        <li>Camping</li>
        <li>Mountain Biking</li>
      </ul>
    </div>
    <div class="right-column">
      <h2>Creative Endeavors</h2>
      <ul>
        <li>Photography</li>
        <li>Painting</li>
        <li>Writing</li>
      </ul>
    </div>
  </div>
  <footer>
    © 2024 by Your Name
  </footer>
</body>
</html>
```

```
<link rel="stylesheet" href="styles.css">
</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">Favorite Teams</a></li>
      </ul>
    </nav>
  </header>
  <div class="content">
    <div class="left-column">
      <h2>Soccer Teams</h2>
      <ul>
        <li>Manchester United</li>
        <li>Real Madrid</li>
        <li>FC Barcelona</li>
      </ul>
    </div>
    <div class="right-column">
      <h2>Basketball Teams</h2>
      <ul>
        <li>Los Angeles Lakers</li>
        <li>Chicago Bulls</li>
        <li>Miami Heat</li>
      </ul>
    </div>
  </div>
  <footer>
    © 2024 by Your Name
  </footer>
</body>
</html>
```

```
✓ body, html {  
  margin: 0;  
  padding: 0;  
}  
✓ header {  
  position: fixed;  
  top: 0;  
  width: 100%;  
  background-color: #333;  
  color: white;  
}  
✓ nav ul {  
  list-style-type: none;  
  padding: 0;  
  overflow: hidden;  
}  
✓ nav li {  
  float: left;  
}  
✓ nav li a {  
  display: block;  
  padding: 14px 16px;  
  text-decoration: none;  
  color: white;  
}  
✓ .content {  
  display: flex;  
  margin-top: 50px;  
}  
✓ .left-column, .right-column {  
  width: 50%;  
}  
✓ .left-column {  
  background-color: lightgray;  
}  
✓ .right-column {  
  background-color: lightgreen;
```

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

This is the main content of your homepage.

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

Outdoor Activities

- Hiking
- Camping
- Mountain Biking

Creative Endeavors

- Photography
- Painting
- Writing

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

Soccer Teams

- Manchester United
- Real Madrid
- FC Barcelona

Basketball Teams

- Los Angeles Lakers
- Chicago Bulls
- Miami Heat