

# WEB Development

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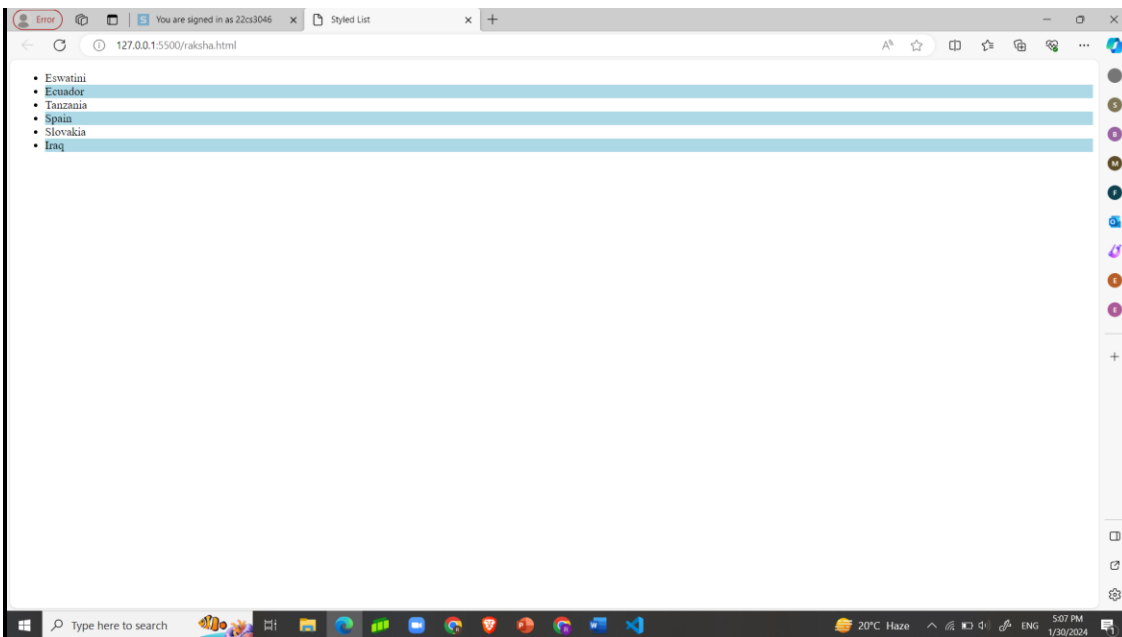
```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <style>
    ul li:nth-child(even) {
      background-color: rgb(173, 216, 230);
    }
  </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>
```

Output :



Q2.

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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <style>
    table {
      font-family: 'Arial', sans-serif;
      width: 100%;
      border-collapse: collapse;
    }

    th {
      font-size: 14px;
      background-color: black;
      color: white;
      padding: 10px;
    }

    tr:nth-child(odd) {
      background-color: lightgray;
    }

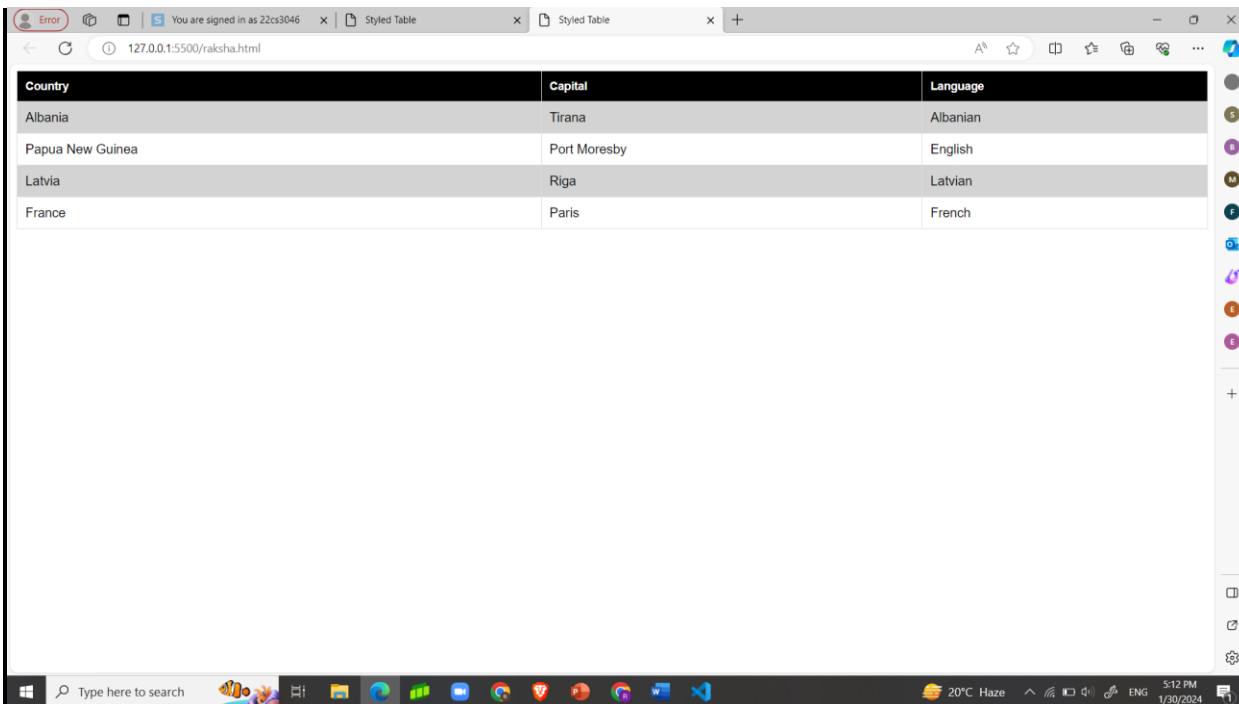
    td,
    th {
      border: 1px solid #dddddd;
      text-align: left;
      padding: 10px;
    }
  </style>
```

```
<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>
```

Output



Q3.

```
<!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>Grilled Cheese Sandwiches with Bacon and Tomato</title>
</style>
```

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

.recipe {
  max-width: 600px;
  margin: 20px auto;
  padding: 20px;
  background-color: #f8f8f8;
  border-radius: 8px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

.recipe-title {
  font-family: 'Roboto', sans-serif;
  color: #333; /* Dark gray */
}

.ingredient-list {
```

```

list-style: none;
padding: 0;
}

.meat {
  background-color: #FFC0CB;
}

.vegetable {
  background-color: #98FB98;
}

.dairy {
  background-color: #FFFFE0;
}

.instructions-heading {
  color: #333;
}

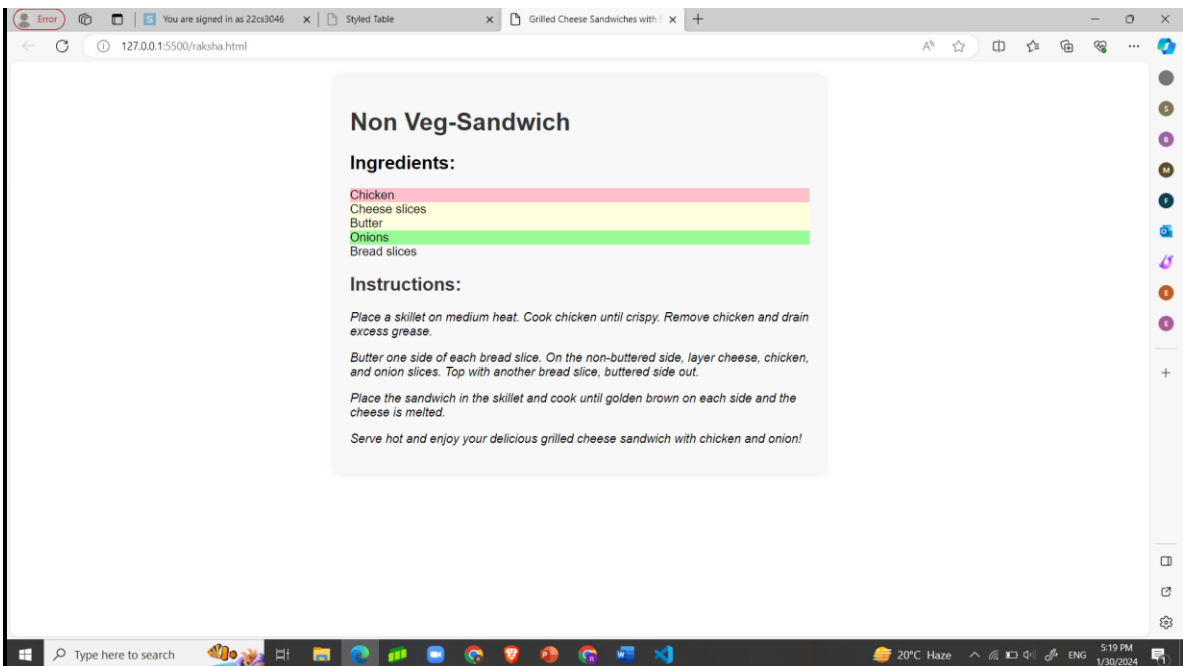
.instructions {
  font-style: italic;
}
</style>
</head>
<body>
  <div class="recipe">
    <h1 class="recipe-title">Non Veg-Sandwich</h1>

    <h2>Ingredients:</h2>
    <ul class="ingredient-list">
      <li class="meat">Chicken</li>
      <li class="dairy">Cheese slices</li>
      <li class="dairy">Butter</li>
      <li class="vegetable">Onions</li>
      <li class="bread">Bread slices</li>
    </ul>

    <h2 class="instructions-heading">Instructions:</h2>
    <p class="instructions">Place a skillet on medium heat. Cook chicken until crispy. Remove chicken and drain excess grease.</p>
    <p class="instructions">Butter one side of each bread slice. On the non-buttered side, layer cheese, chicken, and onion slices. Top with another bread slice, buttered side out.</p>
    <p class="instructions">Place the sandwich in the skillet and cook until golden brown on each side and the cheese is melted.</p>
    <p class="instructions">Serve hot and enjoy your delicious grilled cheese sandwich with chicken and onion!</p>
  </div>
</body>
</html>

```

Output:



Q4.

```
<!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>Two Columns Page</title>
  <style>
    /* Reset some default styles */
    body, h1, h2, ul, li {
      margin: 0;
      padding: 0;
    }

    /* General styling */
    body {
      font-family: 'Arial', sans-serif;
    }

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

    /* Left column styling */
    .left-column {
      flex: 1;
      background-color: #d3d3d3; /* Light gray */
      padding: 20px;
    }
```

```
.left-column h2 {
  color: #333; /* Dark gray */
}

.left-column ul {
  list-style: none;
  padding: 0;
}

.left-column li {
  margin-bottom: 10px;
}

/* Right column styling */
.right-column {
  flex: 1;
  background-color: #98FB98; /* Light green */
  padding: 20px;
}

.right-column h2 {
  color: #333; /* Dark gray */
}

.right-column ul {
  list-style: none;
  padding: 0;
}

.right-column li {
  margin-bottom: 10px;
}

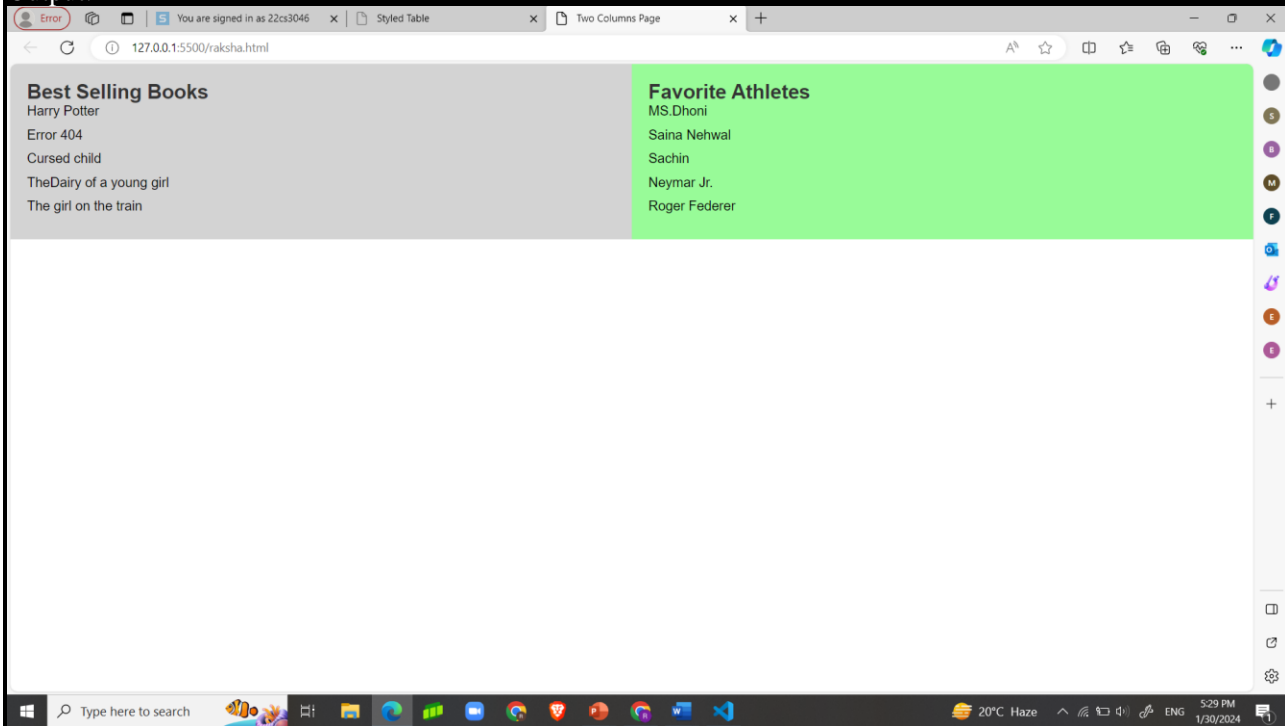
</style>
</head>
<body>
  <div class="container">
    <div class="left-column">
      <h2>Best Selling Books</h2>
      <ul>
        <li>House of Flame </li>
        <li>The Exception to the Rule</li>
        <li>Worst Wingman Ever </li>
        <li>The Housemaid </li>
        <li>how Not to give Fuck about someone </li>
      </ul>
    </div>
    <div class="right-column">
      <h2>Favorite Athletes</h2>
      <ul>
```

```

<li>Cristiano Ronaldo</li>
<li>LeBron James</li>
<li>Lionel Messi</li>
<li>Neymar Jr.</li>
<li>Roger Federer</li>
</ul>
</div>
</div>
</body>
</html>

```

Output:



Q5.

```

<!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>Sample Webpage</title>
  <style>
    body, h1, h2, h3, p, ul, li, a {
      margin: 0;
      padding: 0;
    }

body {
  font-family: 'Arial', sans-serif;
}

```



```

.navbar {
  background-color: #add8e6;
  padding: 10px;
  display: flex;
  justify-content: space-between;
  align-items: center;
}

.navbar-title {
  color: #333;
  transition: background-color 0.3s ease-in-out;
}

.navbar-title:hover {
  background-color: #00688B;
  color: white;
}

.nav-list {
  list-style: none;
  display: inline;
}

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

.nav-list a {
  text-decoration: none;
  color: #333;
}

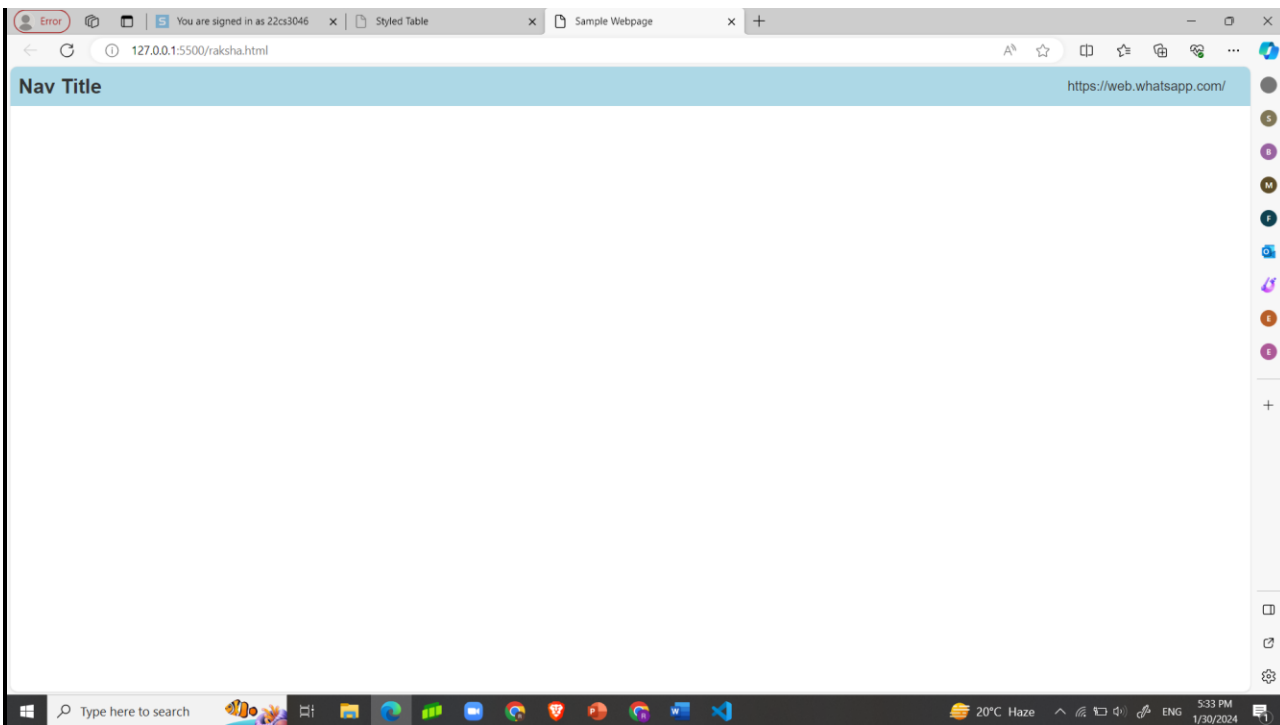
.nav-list a:hover {
  color: #00688B;
}

</style>
</head>
<body>
  <nav class="navbar">
    <h1 class="navbar-title">Nav Title</h1>
    <ul class="nav-list">
      <li><a href="#">https://web.whatsapp.com/</a></li>

    </ul>
  </nav>
</body>
</html>

```

Output;



Q6.

```
<!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>Animation of cards </title>
  <style>
    body, div, img {
      margin: 0;
      padding: 0;
    }

    body {
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
      background-color: #f0f0f0;
    }

    .card-container {
      position: relative;
    }

    .spinning-card {
      width: 150px;
      height: auto;
      animation: spin 4s linear infinite;
```

```

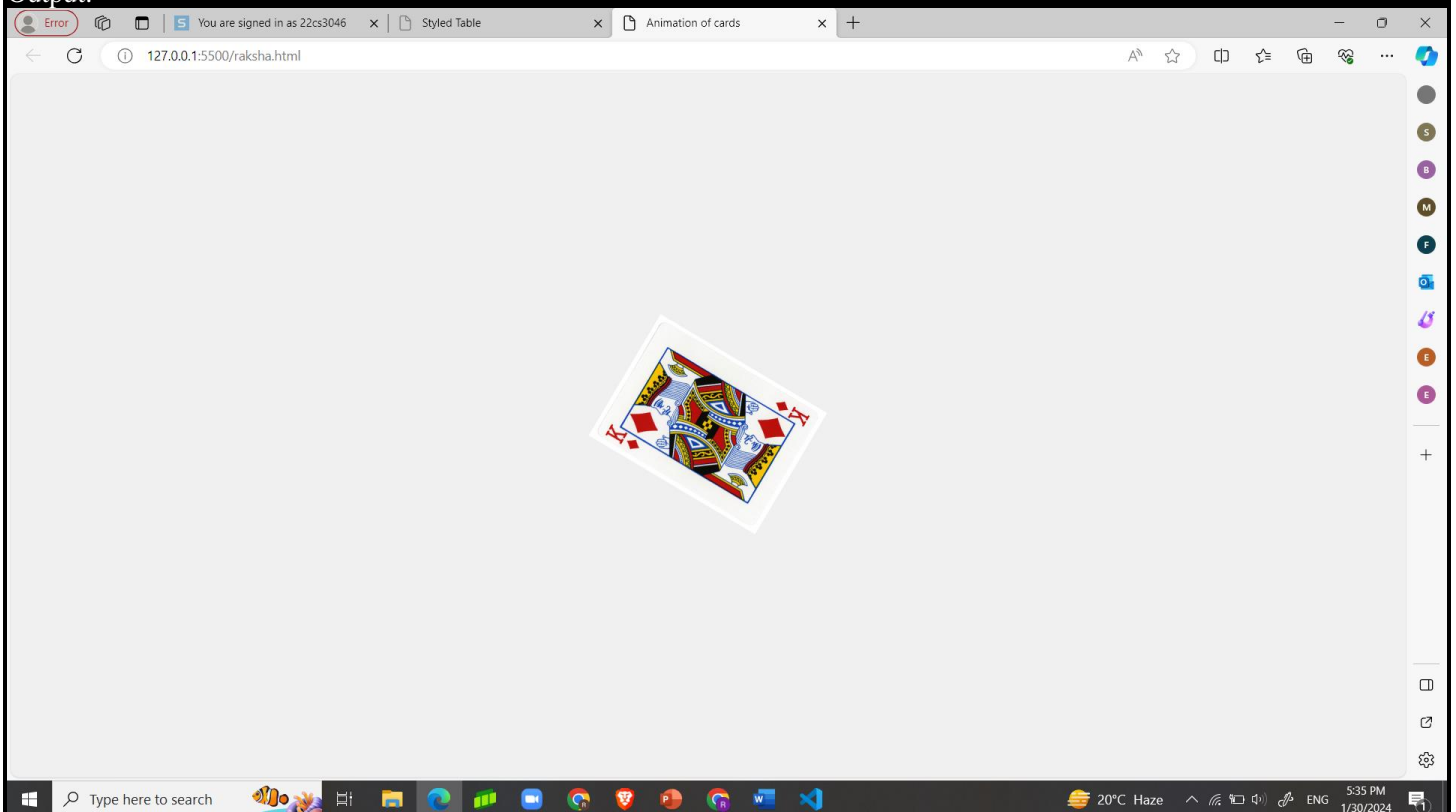
}

.card-container:hover .spinning-card {
  animation-play-state: paused;
}

@keyframes spin {
  0% { transform: rotate(0deg); }
  100% { transform: rotate(180deg); }
}
</style>
</head>
<body>
  <div class="card-container">
    
  </div>
</body>
</html>

```

Output:



Q7.

```

<!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="style.css">
    <title>Your 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">Favorite Teams</a></li>
            </ul>
        </nav>
    </header>

    <main>
        <div class="container">
            <div class="left-column">
                <h1>Welcome to My Homepage</h1>
                <p>Iam Raksha Kumari and Currently pursuing Btech in cse from RGIPT </p>
            </div>
            <div class="right-column">
                <h2>Skills</h2>
                <ul>
                    <li>HTML</li>
                    <li>CSS </li>
                    <li>JS</li>
                </ul>
            </div>
        </div>
    </main>

</body>
</html>

```

Hobbies.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="styles.css">
    <title>MY Hobbies</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">Favorite Teams</a></li>
    </ul>
</nav>
</header>

<main>
    <div class="container">
        <div class="left-column">

            </div>
            <div class="right-column">
                <h2>My Hobbies</h2>
                <p>I love to sing .</p>
            </div>
        </div>
    </main>
</body>
</html>

```

Teams.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="styles.css">
    <title>Your Favorite 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">Favorite Teams</a></li>
            </ul>
        </nav>
    </header>

    <main>
        <div class="container">
            <div class="left-column">
                <h2> My favourite team is team LogiX.</h2>
            </div>
            <div class="right-column">
                <h2>My Favorite Teams</h2>
                <p>Here, I'll share information about my favorite sports teams.</p>
            </div>
        </div>
    </main>
</body>
</html>

```

```
</main>

</body>
</html>
Style.css
body {
  font-family: 'Arial', sans-serif;
  margin: 0;
  padding: 0;
}

header {
  background-color: #333;
  color: #fff;
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  padding: 10px;
}

nav ul {
  list-style: none;
  display: flex;
}

nav ul li {
  margin-right: 20px;
}

nav ul li a {
  text-decoration: none;
  color: #fff;
}

main {
  padding: 60px 0;
}

.container {
  display: flex;
  max-width: 1200px;
  margin: 0 auto;
}

.left-column {
  flex: 1;
}

.right-column {
```

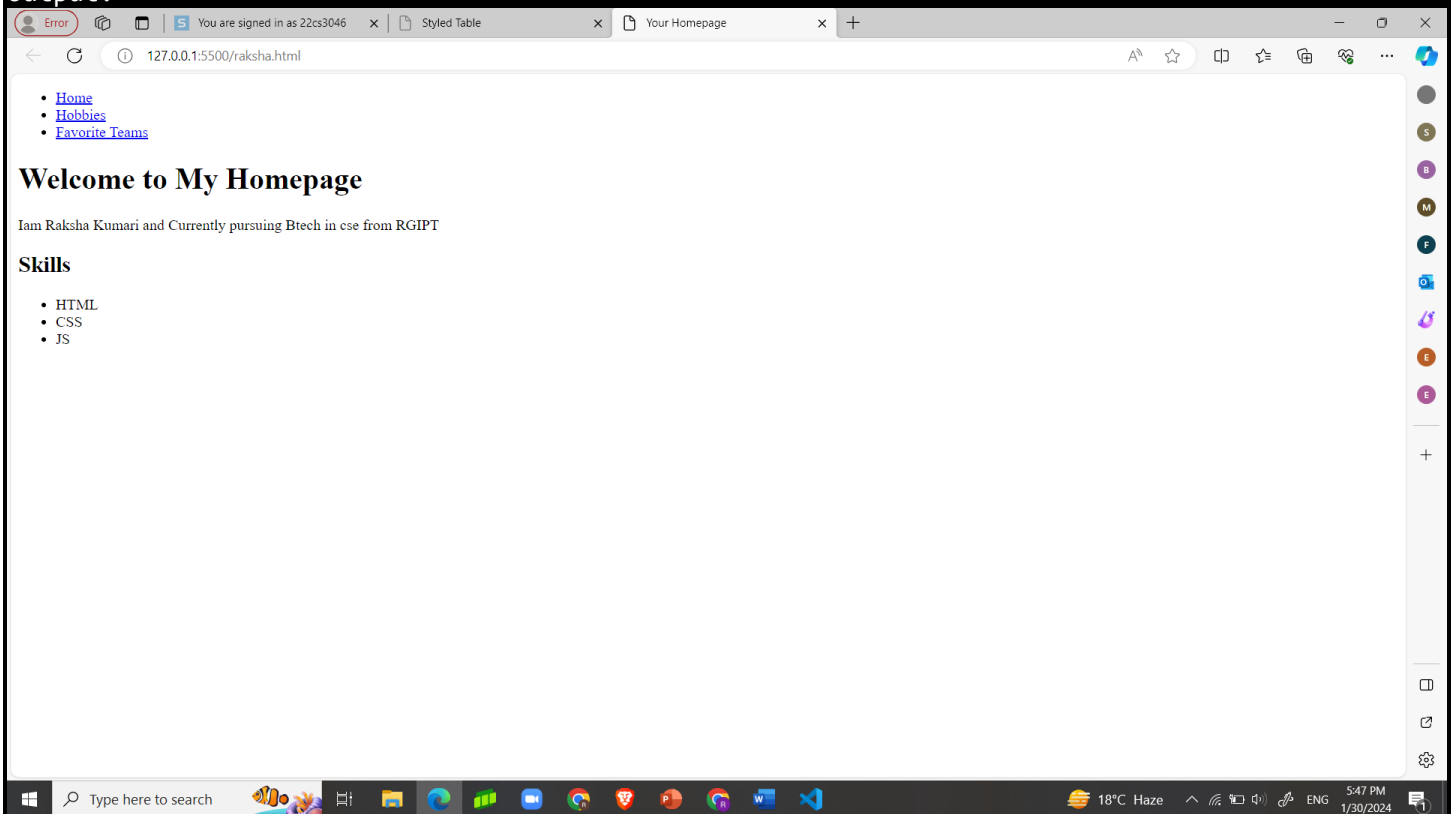
```

    flex: 1;
}

footer {
    background-color: #333;
    color: #fff;
    text-align: center;
    padding: 10px;
    position: fixed;
    bottom: 0;
    left: 0;
    width: 100%;
}

```

Output:



Q8.

```

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Fundamentals of Web Programming</title>
    <style type='text/css'>
        body {
            background: #EEEEEE;
            color: #000000;
            font-family: 'Arial', sans-serif;

```

```

}

h1 {
    color: #AAA;
    border-bottom: 1px solid;
    margin-bottom: 0;
}

main {
    color: #CCC;
    margin-left: 7em;
    padding: 1px 0 1px 5%;
    border-left: 1px solid;
}

nav {
    background: #FDD;
    overflow: hidden;
}

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

nav li {
    float: left;
    position: relative;
    list-style: none;
    margin: 0;
    border-right: 1px solid #CCC;
}

nav ul ul {
    display: none;
    position: absolute;
    top: 100%;
    left: 0;
}

nav li:hover {
    background: #6F99F2;
}

nav li.submenu {
    background:
url(https://runestone.academy/ns/books/published/webfundamentals/_static/submenu.gif) 95% 50%
no-repeat;
}

```



```

    nav li.submenu:hover {
        background-color: #EDD;
    }

    nav li:hover>ul {
        display: inherit;
    }

    nav li a {
        display: block;
        padding: 0.25em 1em;
        text-decoration: none;
    }
</style>
</head>

<body>

<h1>Fundamentals of Web Programming</h1>

<nav>
    <ul class='level1'>
        <li><a href='/'>Home</a></li>
        <li class='submenu'><a href='#'>Syllabus</a>
            <ul class='level2'>
                <li><a href='#'>Text Book</a></li>
                <li><a href='#'>Office Hours</a></li>
                <li><a href='#'>Grading Policy</a></li>
                <li><a href='#'>Learning Goals</a></li>
            </ul>
        </li>
        <li><a href='#'>Resources</a></li>
        <li class='submenu'><a href='#'>Publications</a>
            <ul class='level2'>
                <li><a href='#'>Articles</a></li>
                <li class='submenu'><a href='#'>Tutorials</a>
                    <ul class='level3'>
                        <li><a href='#'>HTML</a></li>
                        <li><a href='#'>CSS</a></li>
                        <li><a href='#'>SVG</a></li>
                        <li><a href='#'>XML</a></li>
                    </ul>
                </li>
                <li><a href='#'>Assignments</a></li>
            </ul>
        </li>
        <li><a href='#'>Contact</a></li>
    </ul>
</nav>

```

```
<main>
  <p>

    </p>
</main>

</body>

</html>
```

Output:

