Ayush Tripathi 30th January, 2024

22CS3021

Web Technology Lab Assignment-3

Q-1: 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>Styled List</title>

    <style>

        .styled-list li:nth-child(even) {

            background-color: rgb(173, 216, 230); /\* Light Blue \*/

        }

    </style>

</head>

<body>

    <ul class="styled-list">

        <li>Eswatini</li>

        <li>Ecuador</li>

        <li>Tanzania</li>

        <li>Spain</li>

        <li>Slovakia</li>

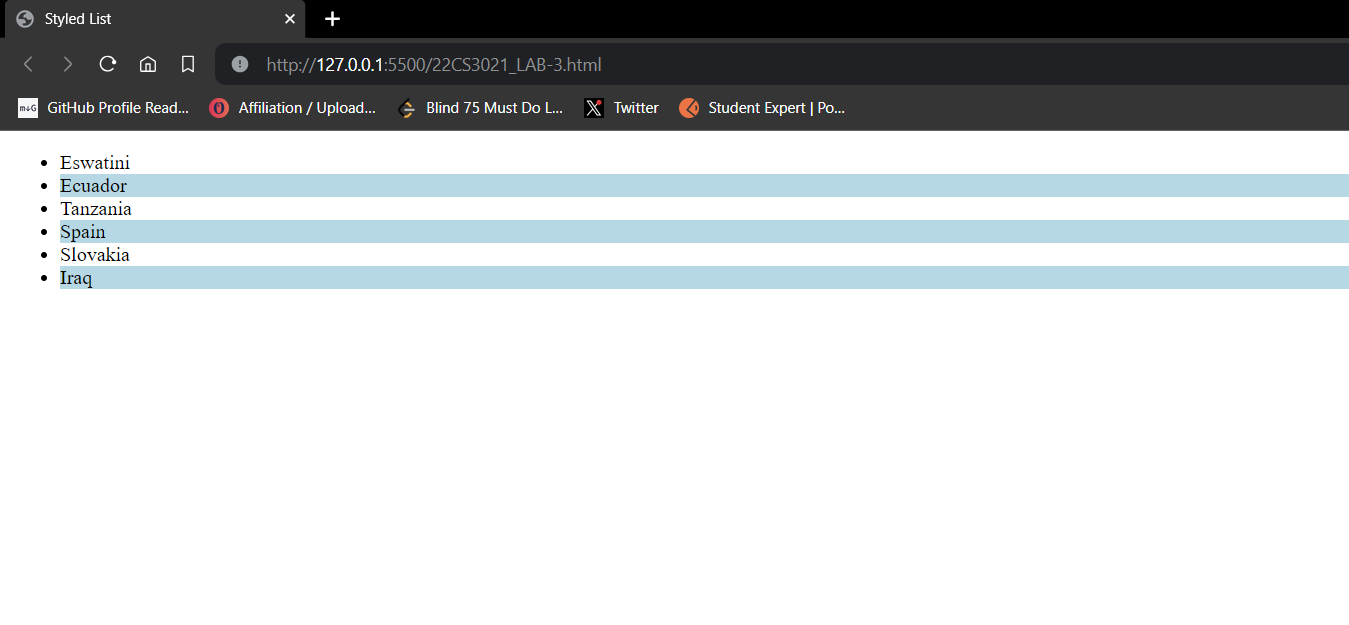
        <li>Iraq</li>

    </ul>

</body>

</html>

Web Page:



Q-2: 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>Styled Table</title>

    <style>

        .styled-table tbody tr:nth-child(odd) {

             background-color: lightgray;

        }

        .styled-table thead th {

            background-color: black;

            color: white;

        }

        .styled-table {

            font-size: 14pt;

            font-family: sans-serif;

        }

        .styled-table th, .styled-table td {

            padding: 10px;

        }

    </style>

</head>

<body>

    <table class="styled-table">

        <thead>

            <tr>

                <th>Heading 1</th>

                <th>Heading 2</th>

                <th>Heading 3</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>

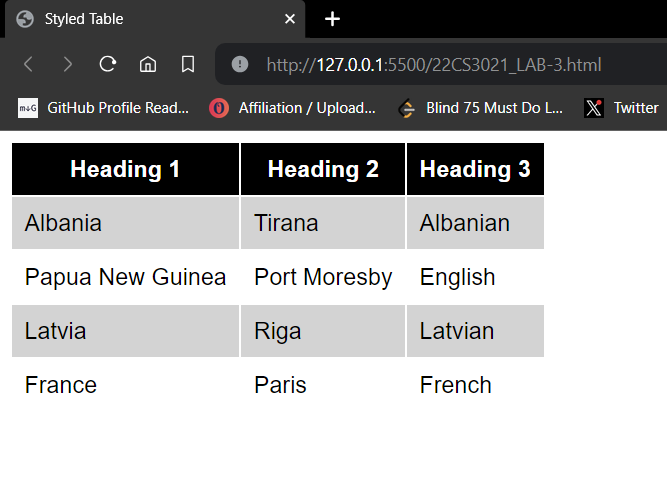
        </tbody>

    </table>

</body>

</html>

Web Page:



Q-3: 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>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">Grilled Cheese Sandwiches with Bacon and Tomato</h1>

        <h2>Ingredients:</h2>

        <ul class="ingredient-list">

            <li class="meat">Bacon</li>

            <li class="dairy">Cheese slices</li>

            <li class="dairy">Butter</li>

            <li class="vegetable">Tomato slices</li>

            <li class="bread">Bread slices</li>

        </ul>

        <h2 class="instructions-heading">Instructions:</h2>

        <p class="instructions">Place a skillet on medium heat. Cook bacon until crispy. Remove bacon and drain excess grease.</p>

        <p class="instructions">Butter one side of each bread slice. On the non-buttered side, layer cheese, bacon, and tomato 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>

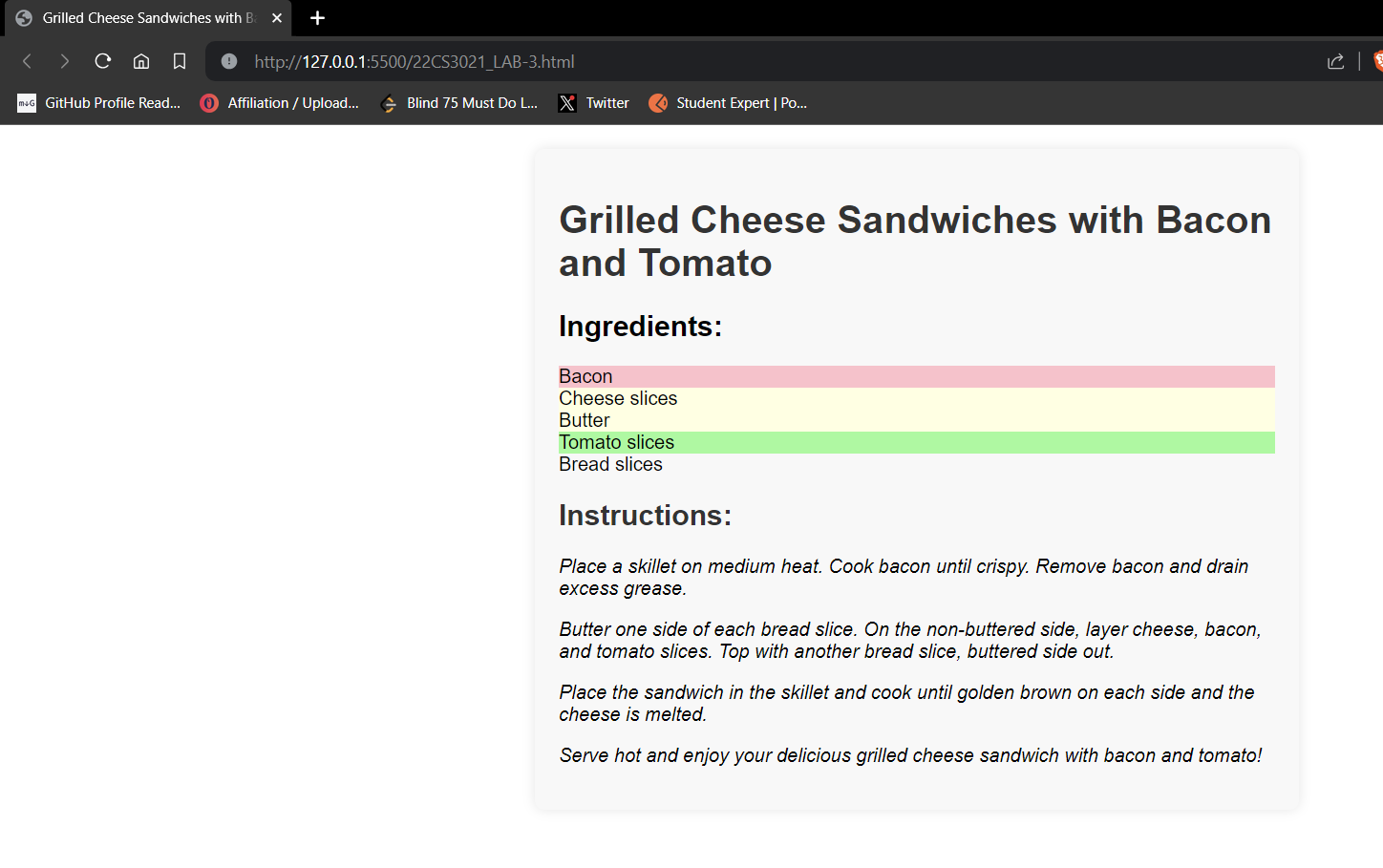
        <p class="instructions">Serve hot and enjoy your delicious grilled cheese sandwich with bacon and tomato!</p>

    </div>

</body>

</html>

Web Page:



Q-4: 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>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>

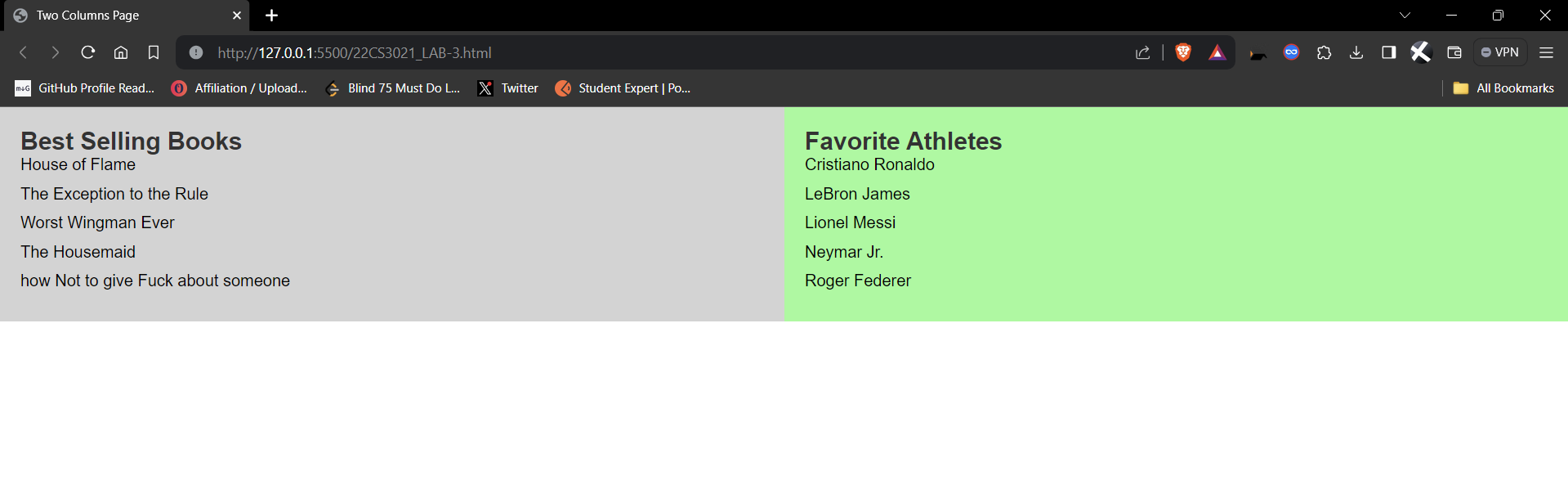
        </div>

    </div>

</body>

</html>

Web Page:



Q-5: 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>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="#">Home</a></li>

            <li><a href="#">About</a></li>

            <li><a href="#">Contact</a></li>

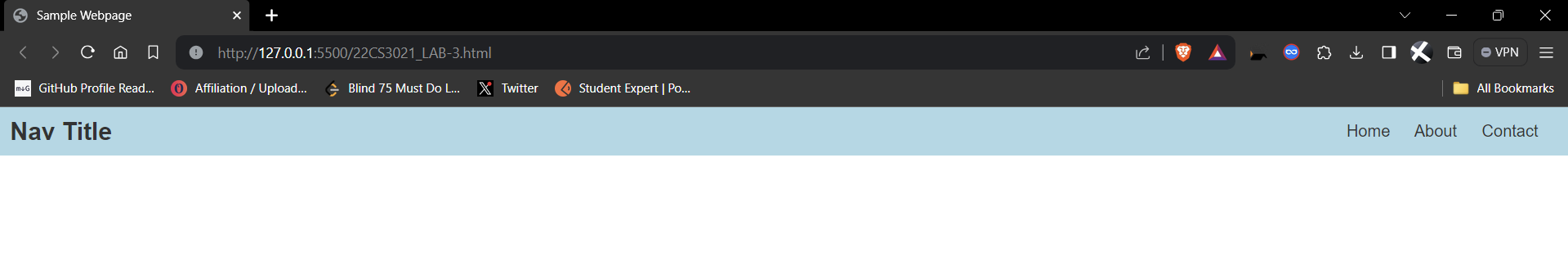
        </ul>

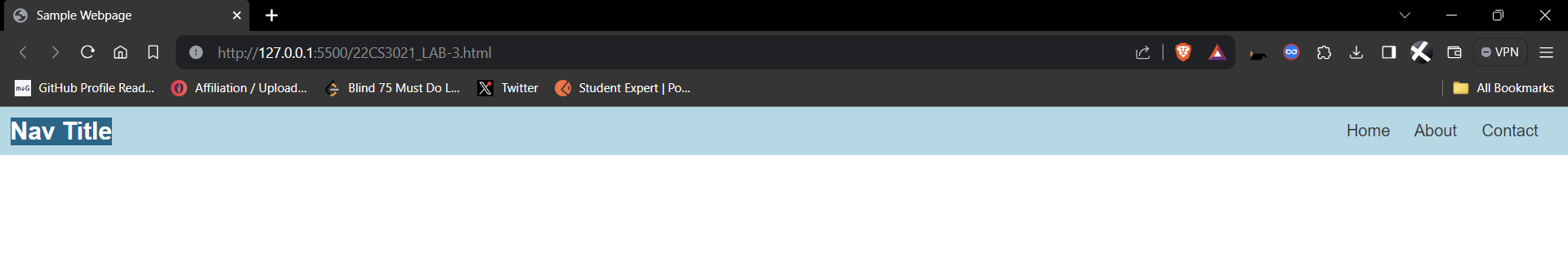
    </nav>

</body>

</html>

Web Page:





Q-6: 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>Spinning Playing Card</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(360deg); }

        }

    </style>

</head>

<body>

    <div class="card-container">

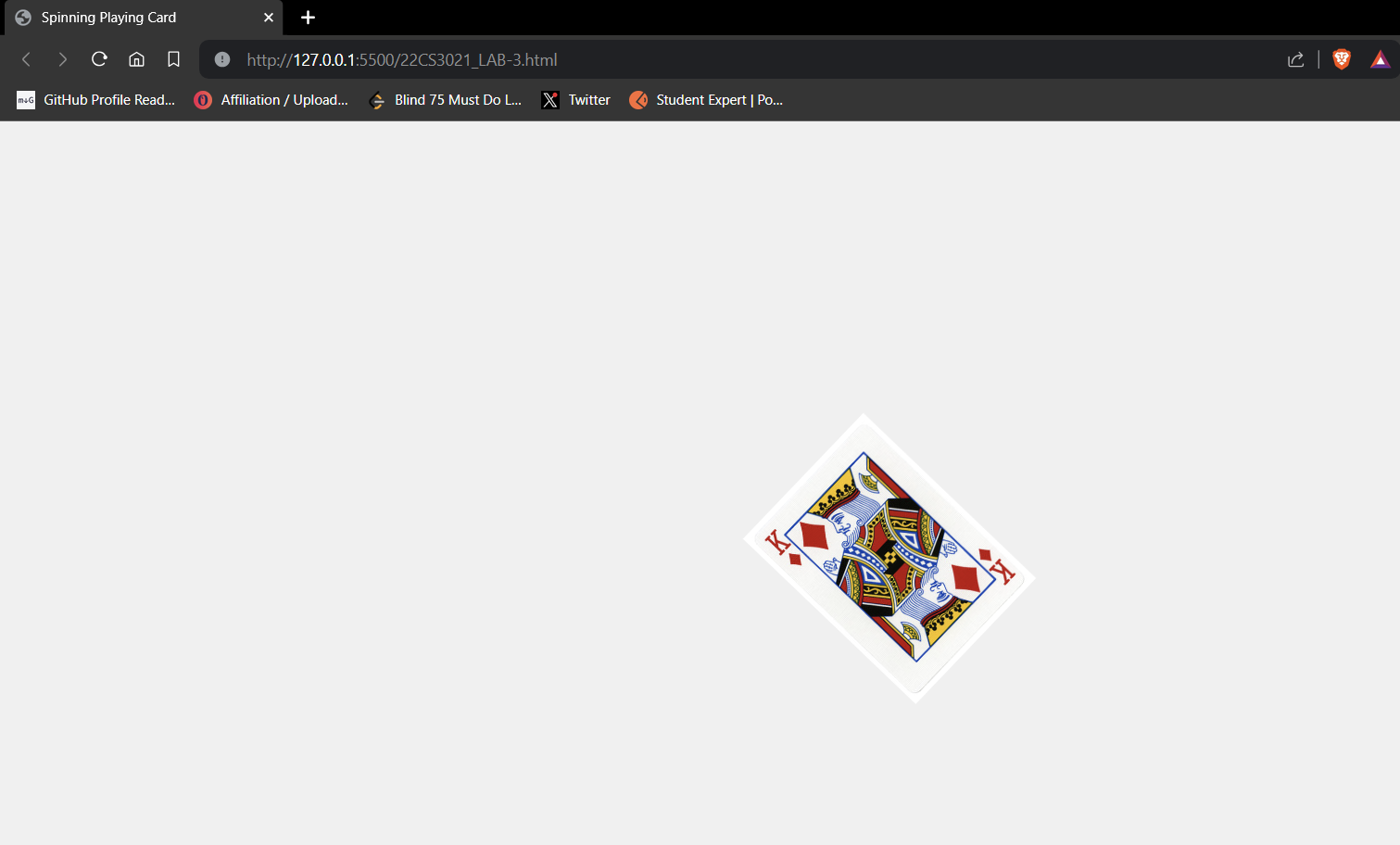
        <img src="https://t4.ftcdn.net/jpg/00/53/65/65/360\_F\_53656507\_6aRlz7GvglpFMAbtf1zSsllWlepJfeTb.jpg" alt="Playing Card" class="spinning-card">

    </div>

</body>

</html>

Web Page:



Q-7: Code:

Index.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 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 Ayush Tripathi and Currently pursuing BTech from RGIPT and a passionate web Developer</p>

            </div>

            <div class="right-column">

                <h2>Skills</h2>

                <ul>

                    <li>HTML</li>

                    <li>CSS </li>

                    <li>JS</li>

                    <li>REACT</li>

                    <li>NODE.JS</li>

                </ul>

            </div>

        </div>

    </main>

    <footer>

        <p>&copy; 2024 Anyway. All rights reserved.</p>

    </footer>

</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>Your 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">

                <h2>Iam a passionate Web Developer</h2>

            </div>

            <div class="right-column">

                <h2>My Hobbies</h2>

                <p>Here, I'll share some information about my hobbies and interests.</p>

            </div>

        </div>

    </main>

    <footer>

        <p>&copy; 2024 Anyway. All rights reserved.</p>

    </footer>

</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> HEllo this is my favorite teams.</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>

    <footer>

        <p>&copy; 2024 Anyway. All rights reserved.</p>

    </footer>

</body>

</html>

Styles.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;

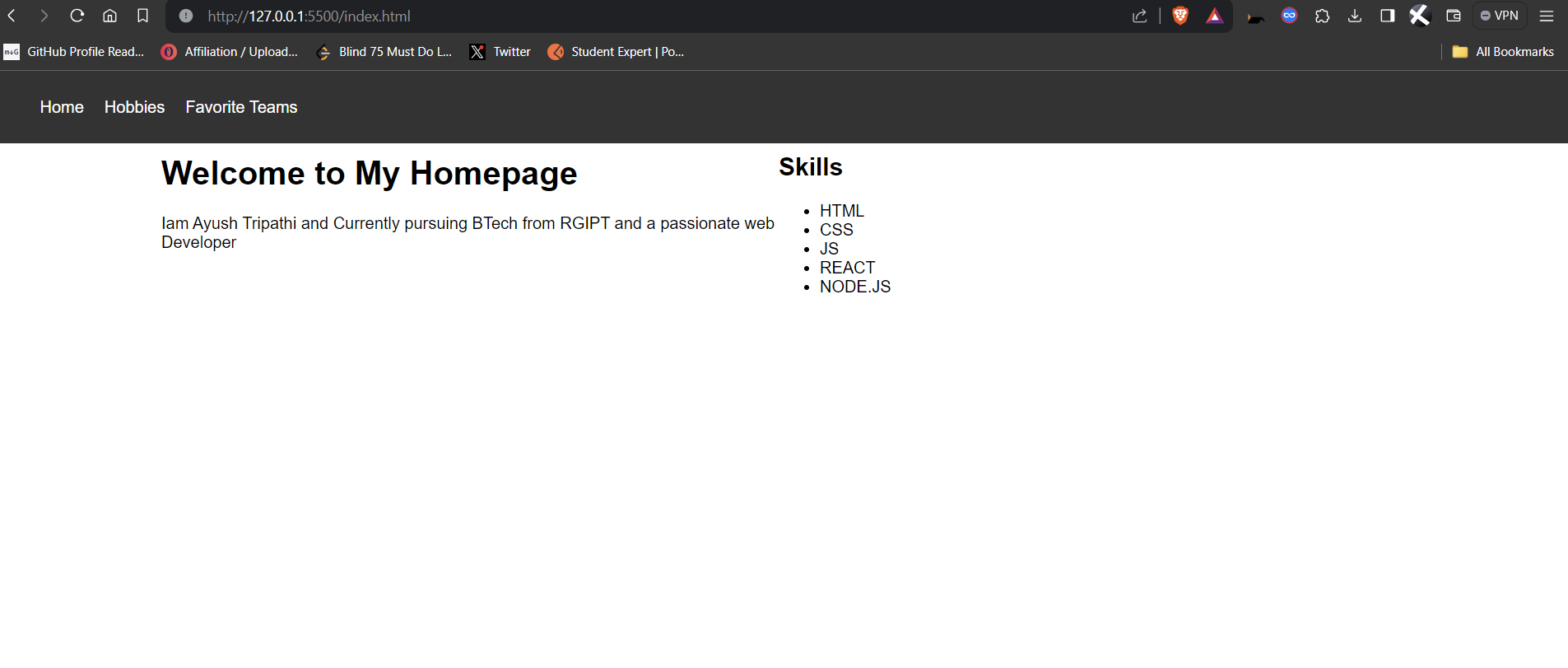
    bottom: 0;

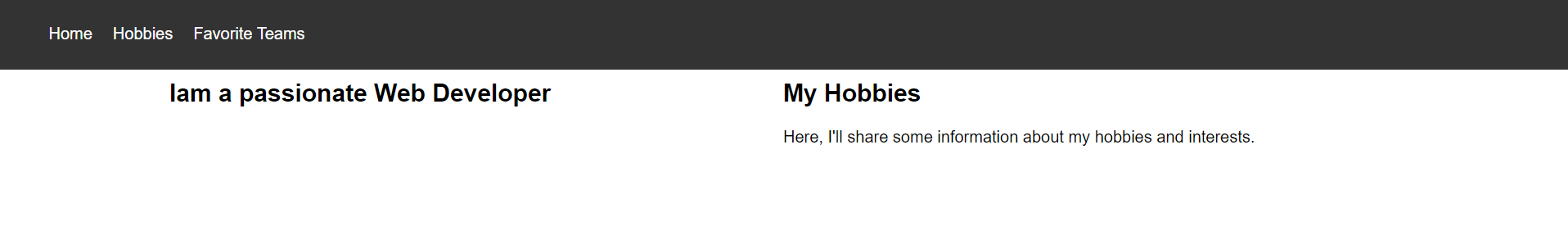
    left: 0;

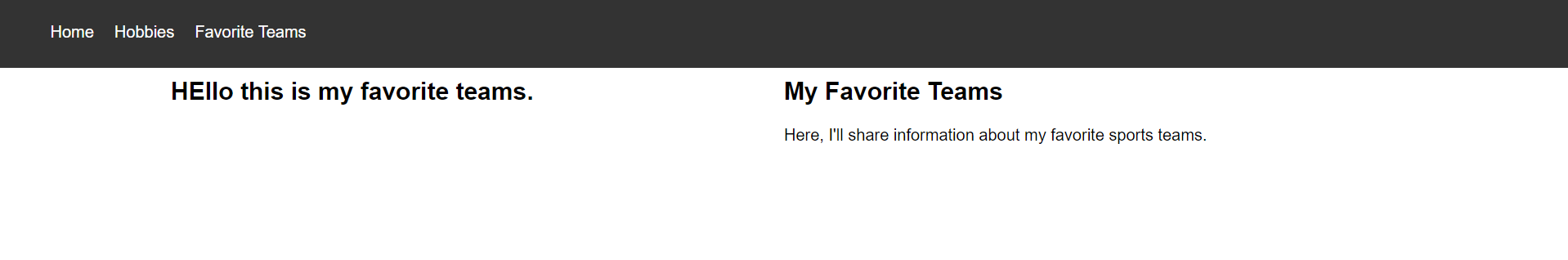
    width: 100%;

}

Web page:







Q-8: 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>SubMenus</title>

    <style type='text/css'>

        body {

            background: #EEEEEE;

            color: #000000;

        }

        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 {

            float: left;

            width: 100%; /\* Make the navbar take the full width \*/

            background: #FDD;

        }

        nav ul {

            margin: 0;

            padding: 0;

            background: white;

            border: 1px solid;

            display: flex; /\* Display the list items horizontally \*/

        }

        nav li {

            position: relative;

            list-style: none;

            margin: 0;

            border-right: 1px solid #CCC;

        }

        nav ul ul {

            position: absolute;

            top: 100%; /\* Position the submenu below the selected item \*/

            left: 0;

            display: none;

            width: 100%;

        }

        nav li a {

            display: block;

            padding: 0.25em 0.5em; /\* Adjust padding \*/

            text-decoration: none;

        }

        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 ul.level1 li.submenu:hover ul.level2,

        nav ul.level2 li.submenu:hover ul.level3 {

            display:block;

        }

    </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>

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