

**Name – Ranjan Kumar Pandit**

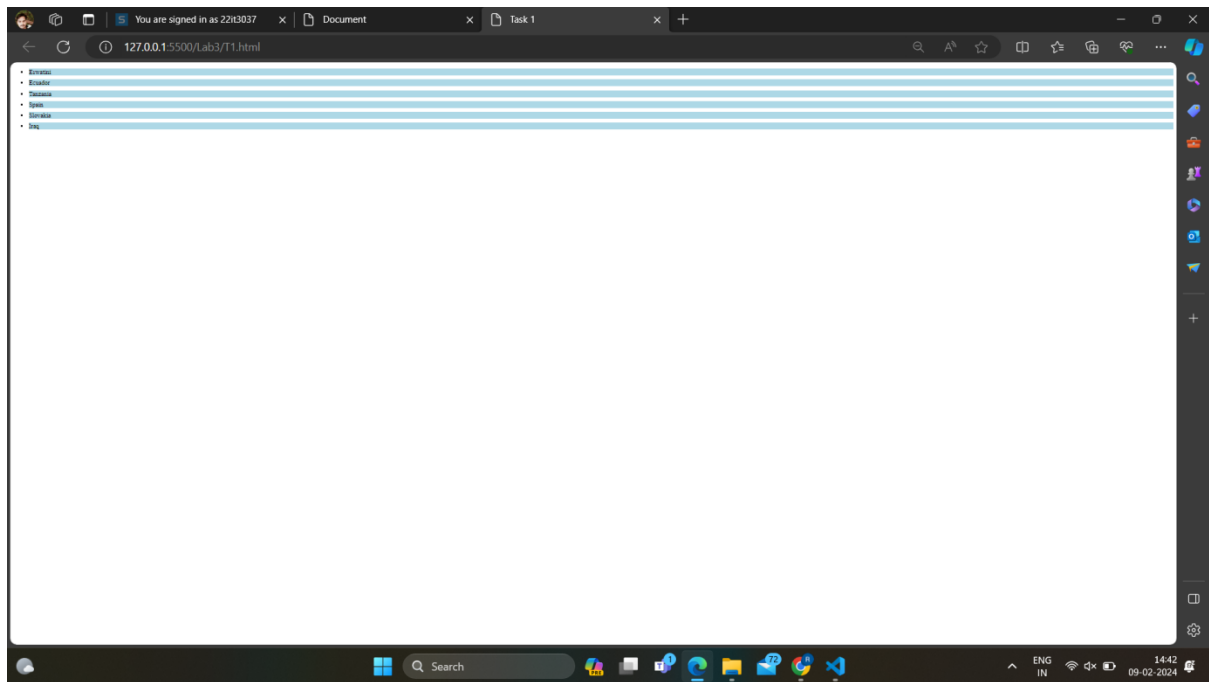
**Roll No. – 22it3037**

## **Lab3 Assignment**

### **Q1.**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Task 1</title>
  <style>
    li{
      background-color: rgb(173, 216, 230);
      margin-bottom: 10px;
    }
  </style>
</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>
  <style>
    table{
      border-collapse: collapse;
      font-family: sans-serif;
      font-size: 14px;
    }

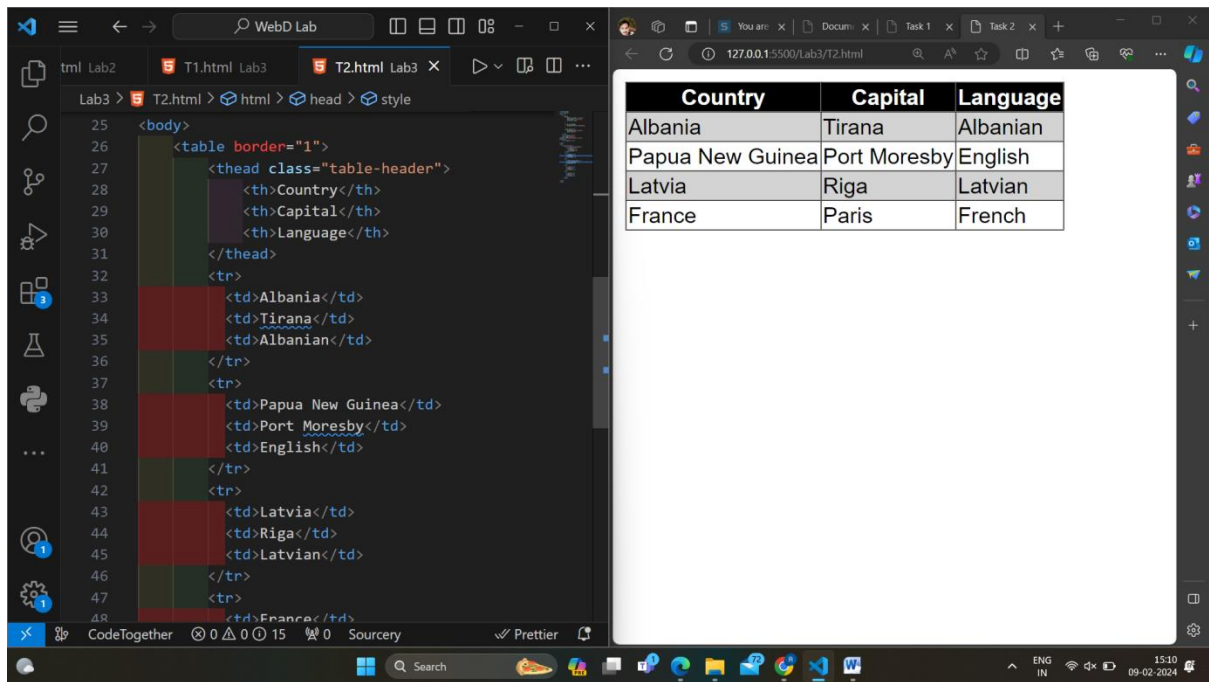
    tr:nth-child(odd){
      background-color: lightgray;
    }

    .table-header th{
      background-color: black;
      color: white;
    }
  </style>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Task 2</title>
</head>
<body>
  <table border="1">
```

```
<thead class="table-header">
  <th>Country</th>
  <th>Capital</th>
  <th>Language</th>
</thead>
<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>
</table>
```

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

**Output:-**



Q3.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <style>
    body {
      font-family: Arial, sans-serif;
    }

    .recipe {
      max-width: 600px;
      margin: 0 auto;
      padding: 20px;
    }

    .title {
      font-family: Helvetica, sans-serif;
    }

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

    .meat {
      background-color: lightcoral;
    }
  </style>
</head>
```

```

        .vegetable {
            background-color: lightgreen;
        }

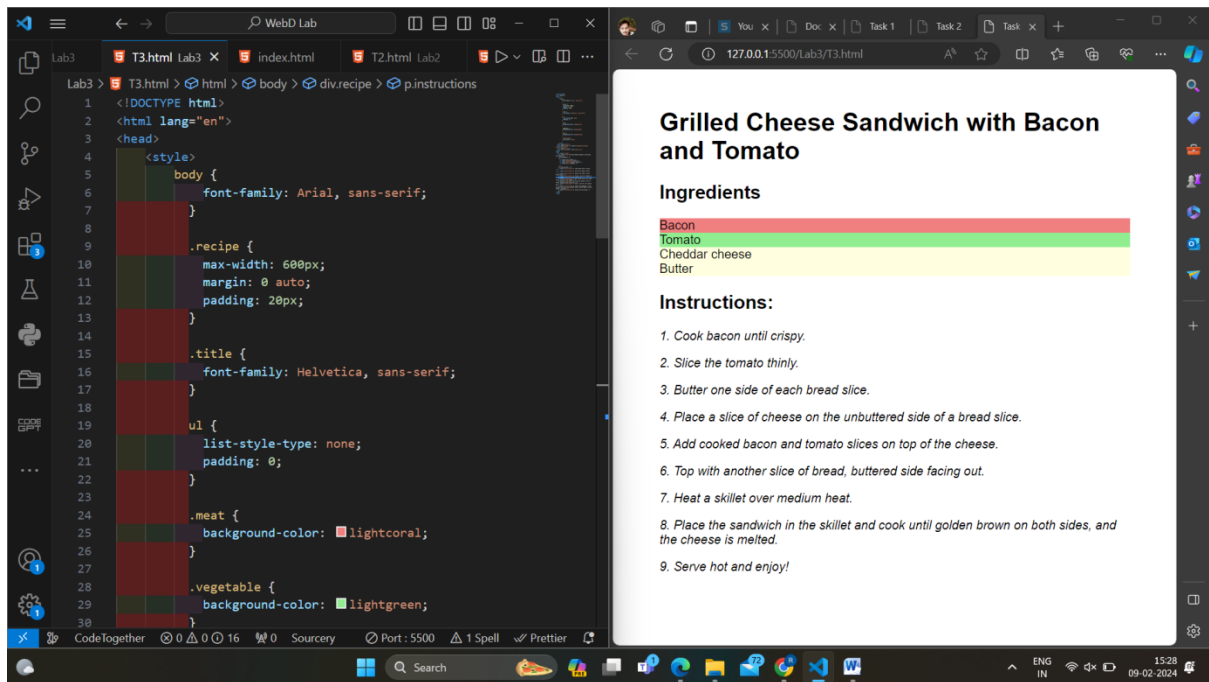
        .dairy {
            background-color: lightyellow;
        }

        .instructions {
            font-style: italic;
        }

    </style>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Task 3</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
    <div class="recipe">
        <h1 class="title">Grilled Cheese Sandwich with Bacon and Tomato</h1>
        <h2>Ingredients</h2>
        <ul>
            <li class="meat">Bacon</li>
            <li class="vegetable">Tomato</li>
            <li class="dairy">Cheddar cheese</li>
            <li class="dairy">Butter</li>
        </ul>
        <h2>Instructions:</h2>
        <p class="instructions">1. Cook bacon until crispy.</p>
        <p class="instructions">2. Slice the tomato thinly.</p>
        <p class="instructions">3. Butter one side of each bread slice.</p>
        <p class="instructions">4. Place a slice of cheese on the unbuttered side
of a bread slice.</p>
        <p class="instructions">5. Add cooked bacon and tomato slices on top of
the cheese.</p>
        <p class="instructions">6. Top with another slice of bread, buttered side
facing out.</p>
        <p class="instructions">7. Heat a skillet over medium heat.</p>
        <p class="instructions">8. Place the sandwich in the skillet and cook
until golden brown on both sides, and the cheese is melted.</p>
        <p class="instructions">9. Serve hot and enjoy!</p>
    </div>
</body>
</html>

```

## Output:-



## Q4.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
    }

    .container {
      display: flex;
    }

    .column {
      width: 50%;
      padding: 20px;
    }

    #left-column {
      background-color: lightgray;
    }

    #right-column {
```

```

        background-color: lightgreen;
    }

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

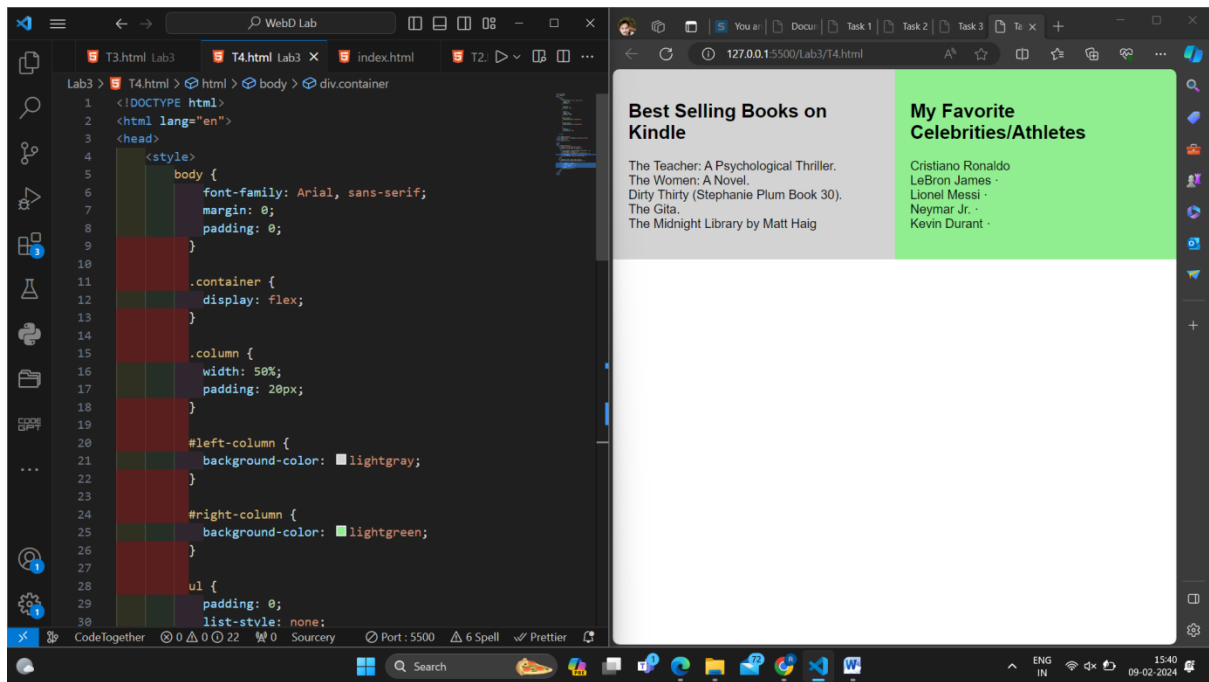
</style>

<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Task 4</title>

</head>
<body>
    <div class="container">
        <div class="column" id="left-column">
            <h2>Best Selling Books on Kindle</h2>
            <ul>
                <li>The Teacher: A Psychological Thriller. </li>
                <li>The Women: A Novel.</li>
                <li>Dirty Thirty (Stephanie Plum Book 30).</li>
                <li>The Gita. </li>
                <li>The Midnight Library by Matt Haig</li>
            </ul>
        </div>
        <div class="column" id="right-column">
            <h2>My Favorite Celebrities/Athletes</h2>
            <ul>
                <li>Cristiano Ronaldo</li>
                <li>LeBron James . </li>
                <li>Lionel Messi . </li>
                <li>Neymar Jr. .</li>
                <li>Kevin Durant .</li>
            </ul>
        </div>
    </div>
</body>
</html>

```

**Output:-**



Q5.

```

<!DOCTYPE html>
<html lang="en">
<head>
  <style>
    nav {
      background-color: lightblue;
      padding: 10px 0;
    }

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

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

    a {
      text-decoration: none;
      color: black;
      font-weight: bold;
    }
  
```



```

    a:hover {
        color: darkblue;
    }

    nav:hover {
        background-color: lightblue;
    }

    nav:hover a {
        color: black;
    }

    nav:hover h1 {
        background-color: darkblue;
    }

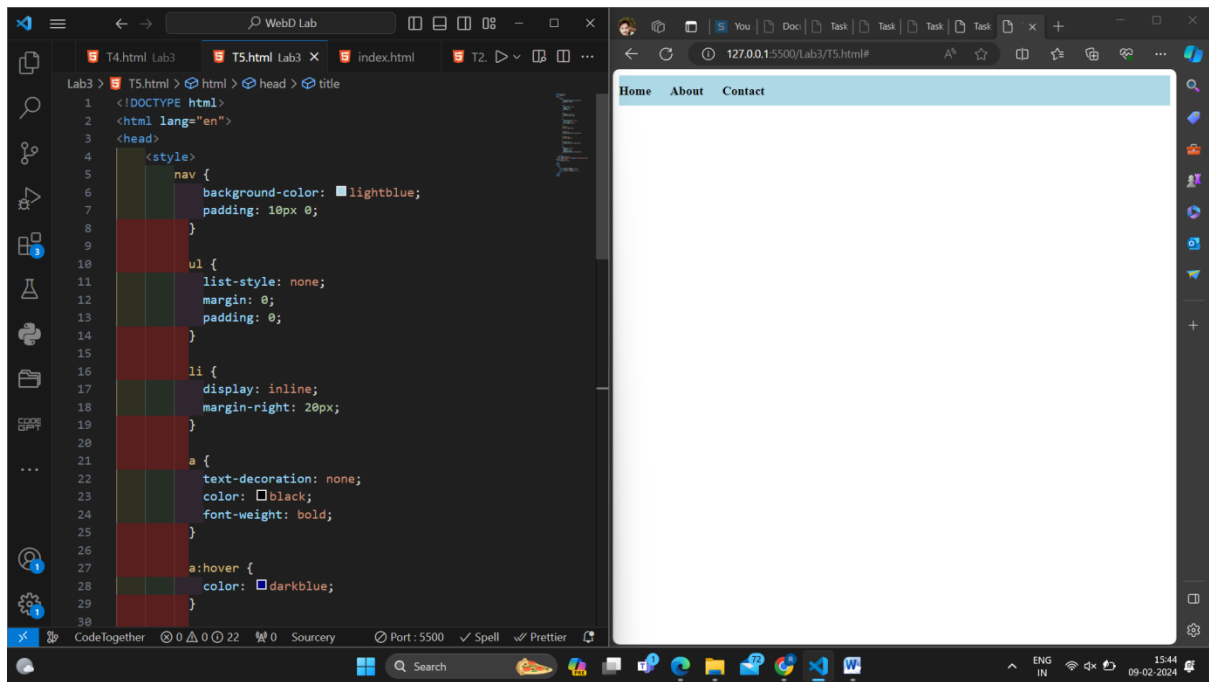
    h1 {
        display: inline;
        margin: 0;
        padding: 10px;
        background-color: lightblue;
    }

</style>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Task 5</title>

</head>
<body>
    <nav>
        <ul>
            <li><a href="#">Home</a></li>
            <li><a href="#">About</a></li>
            <li><a href="#">Contact</a></li>
        </ul>
    </nav>
</body>
</html>

```

**Output:-**



Q6.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <style>
    .card-container {
      width: 200px;
      height: 300px;
      position: relative;
      perspective: 1000px;
    }

    .card {
      width: 100%;
      height: 100%;
      position: absolute;
      top: 0;
      left: 0;
      animation: spin 5s linear infinite;
    }

    @keyframes spin {
      from {
        transform: rotateY(0deg);
      }
      to {
        transform: rotateY(360deg);
      }
    }
  </style>
</head>
<body>
  <div class="card-container">
    <div class="card">
      <img alt="A 3D card with a blue background and a white border." data-bbox="115 458 577 898"/>
    </div>
  </div>
</body>
</html>
```

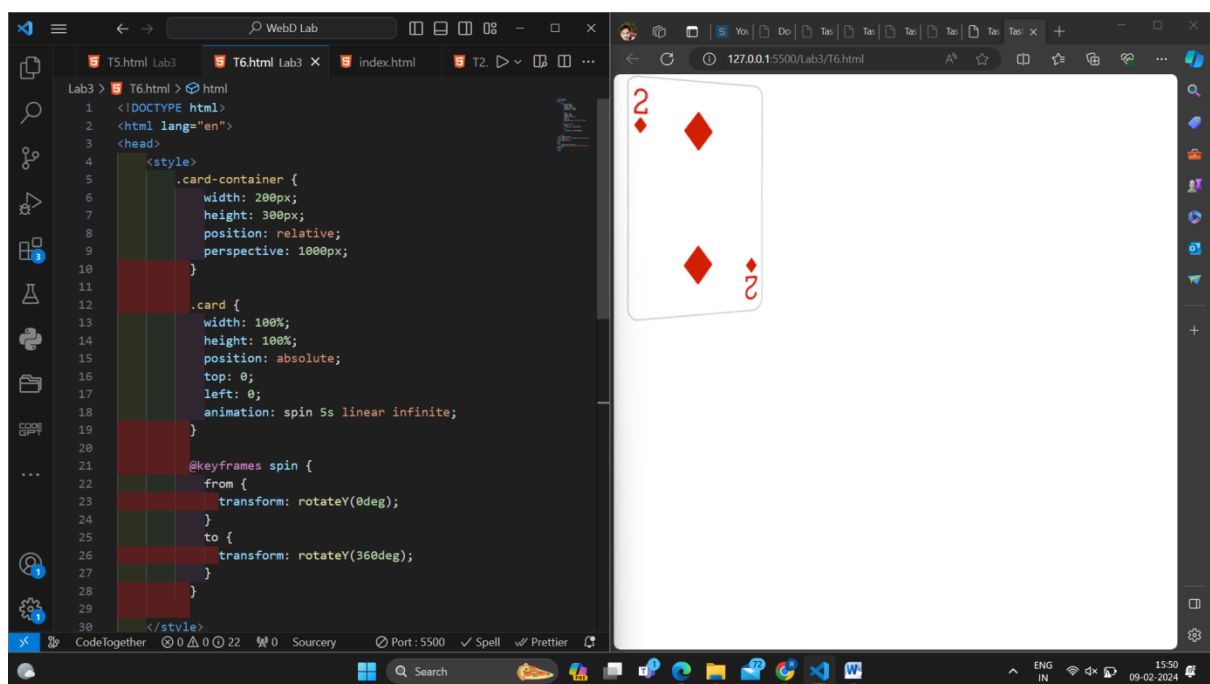
```

    }
}

</style>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Task 6</title>
</head>
<body>
    <div class="card-container">
        
    </div>
</body>
</html>

```

## Output:-



Q7.

## INDEX.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <style>
        body {
            font-family: Arial, sans-serif;

```

```
    margin: 0;
    padding: 0;
}

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

.navbar a {
    color: white;
    text-decoration: none;
    margin-right: 20px;
}

.container {
    display: flex;
    padding-top: 40px;
}

.column {
    flex: 1;
    padding: 20px;
}

footer {
    background-color: #333;
    color: white;
    text-align: center;
    padding: 20px 0;
    position: fixed;
    bottom: 0;
    left: 0;
    width: 100%;
}

</style>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>My Homepage</title>
</head>
<body>
    <div class="navbar">
```

```

    <a href="#">Home</a>
    <a href="./public/hobbies.html">Hobbies</a>
    <a href="./public/Team.html">Favorite Teams</a>
  </div>
  <div class="container">
    <div class="column">
      <h2>Welcome to My Homepage</h2>
      <p>This is where you can learn more about me and my interests.</p>
    </div>
    <div class="column">
      <h2>About Me</h2>
      <p>I'm passionate about technology, sports, and traveling.</p>
    </div>
  </div>
  <footer>
    <p>&copy; 2024 My Homepage</p>
  </footer>
</body>
</html>

```

## HOBBIES.html

```

<!DOCTYPE html>
<html lang="en">
<head>
  <style>
.container {
  display: flex;
  padding-top: 40px;
}

.column {
  flex: 1;
  padding: 20px;
}

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

li {
  margin-bottom: 10px;
}

  </style>
<meta charset="UTF-8">

```

```

    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>My Hobbies</title>

</head>
<body>

    </div>
    <div class="container">
        <div class="column">
            <h2>Hobbies</h2>
            <ul>
                <li>Reading</li>
                <li>Hiking</li>
                <li>Photography</li>
                <li>Cooking</li>

            </ul>
        </div>
        <div class="column">
            <h2>About My Hobbies</h2>
            <p>These are some of the hobbies I enjoy in my free time.</p>
        </div>
    </div>
</body>
</html>

```

## TEAM.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <style>
.container {
    display: flex;
    padding-top: 40px;
}

.column {
    flex: 1;
    padding: 20px;
}

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

```

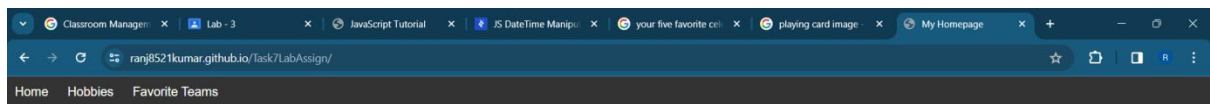
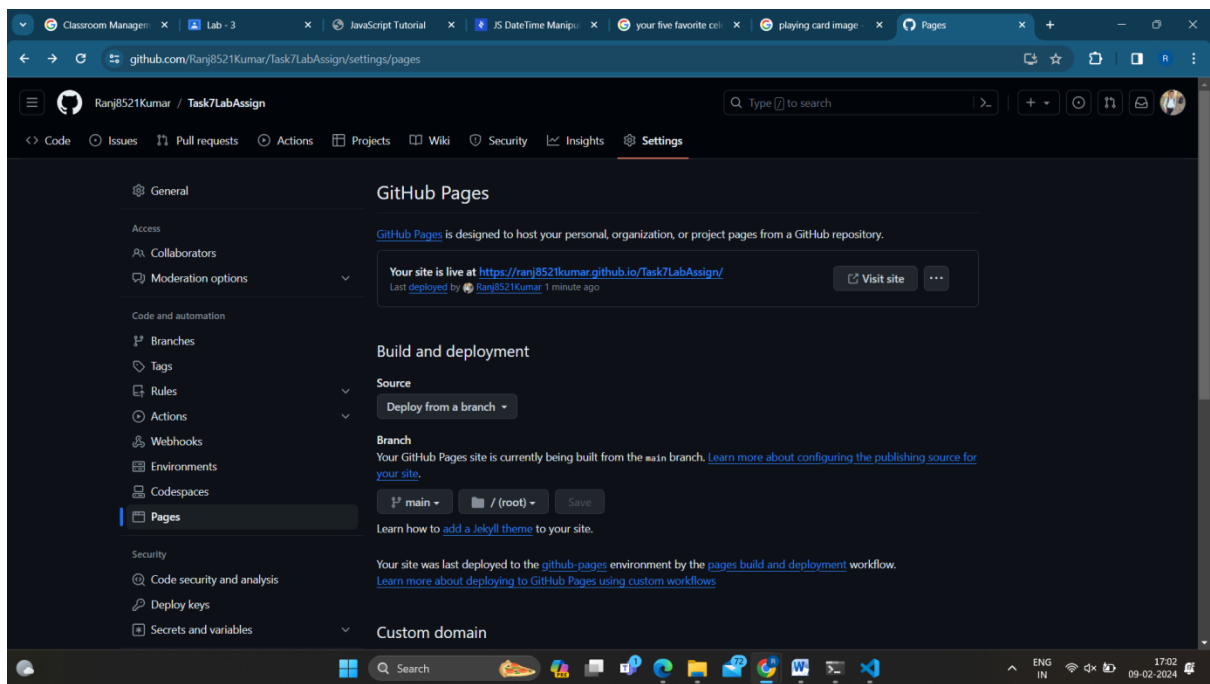
```

    li {
      margin-bottom: 10px;
    }
  </style>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>My Favorite Teams</title>
</head>
<body>
  </div>
  <div class="container">
    <div class="column">
      <h2>Favorite Teams</h2>
      <ul>
        <li>Real Madrid (Football)</li>
        <li>Los Angeles Lakers (Basketball)</li>
        <li>New England Patriots (American Football)</li>
        <li>New York Yankees (Baseball)</li>
        <li>Manchester United (Football)</li>
      </ul>
    </div>
    <div class="column">
      <h2>About My Favorite Teams</h2>
      <p>These are some of my favorite sports teams.</p>
    </div>
  </div>
</body>
</html>

```

**Output:-**

**Github Page link:** <https://ranj8521kumar.github.io/Task7LabAssign/>

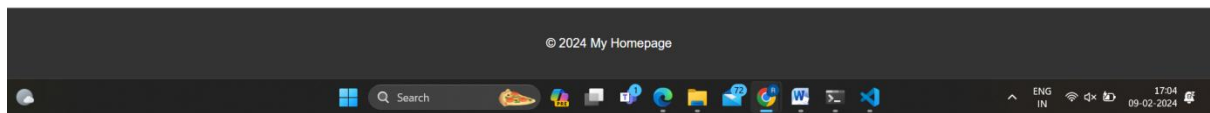


## Welcome to My Homepage

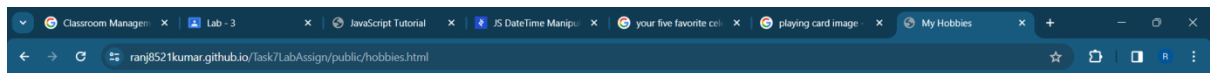
This is where you can learn more about me and my interests.

## About Me

I'm passionate about technology, sports, and traveling.





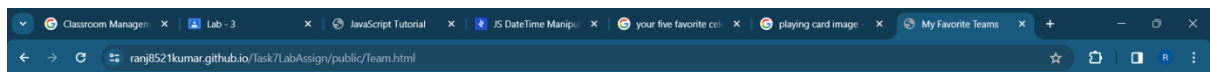


## Hobbies

Reading  
Hiking  
Photography  
Cooking

## About My Hobbies

These are some of the hobbies I enjoy in my free time.



## Favorite Teams

Real Madrid (Football)  
Los Angeles Lakers (Basketball)  
New England Patriots (American Football)  
New York Yankees (Baseball)  
Manchester United (Football)

## About My Favorite Teams

These are some of my favorite sports teams.



Q8.

```
<!DOCTYPE html>
<html>
<head>
<title>SubMenus</title>
<style type='text/css'>
body {
```

```
    background: #EEE;
    color: #000;
}

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

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

nav {
    background: #FDD;
}

nav ul {
    margin: 0;
    padding: 0;
    background: white;
    border: 1px solid;
    display: flex;
}

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

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

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

nav li a {
    display: block;
```

```

padding: 0.25em 0.5em;
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>
Lorem ipsum, dolor sit amet, consectetur adipiscing elit, sed diam nonummy
nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi
enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis
nisl ut aliquip ex ea commodo consequat.

Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie
consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et

```

```

accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit augue dui dolore te feugait nulla facilisi.
Lorem ipsum, dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit augue dui dolore te feugait nulla facilisi.
Lorem ipsum, dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat.

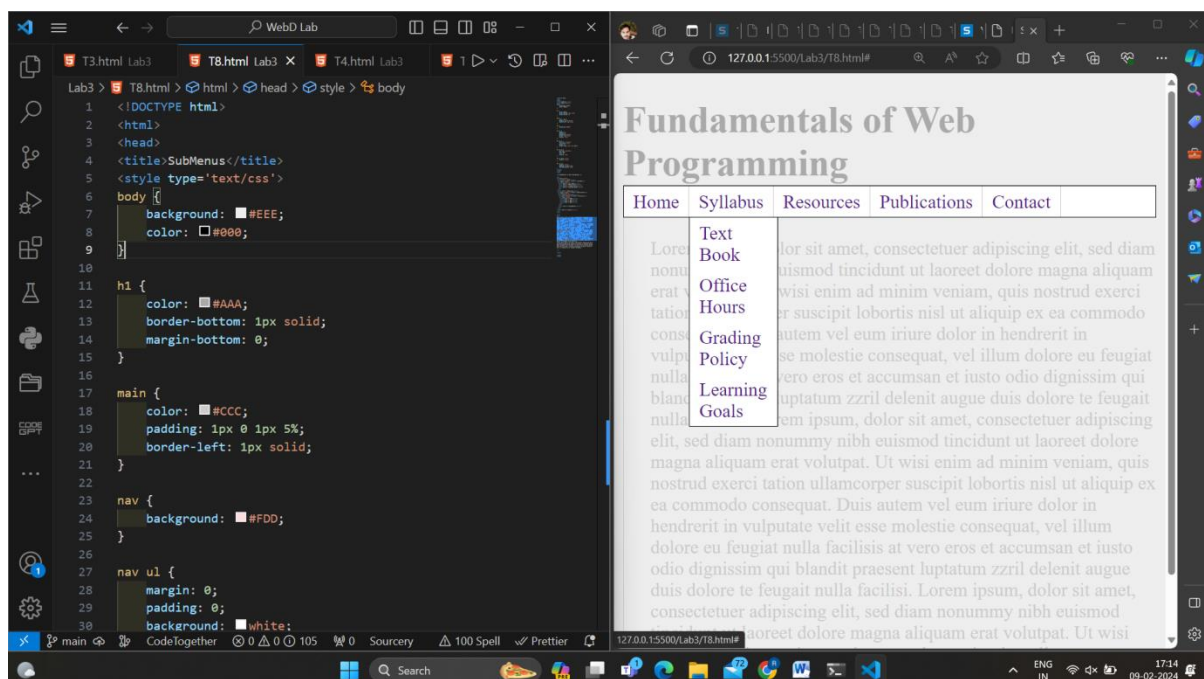
</p>

</main>

</body>
</html>

```

## Output:-



Thanks