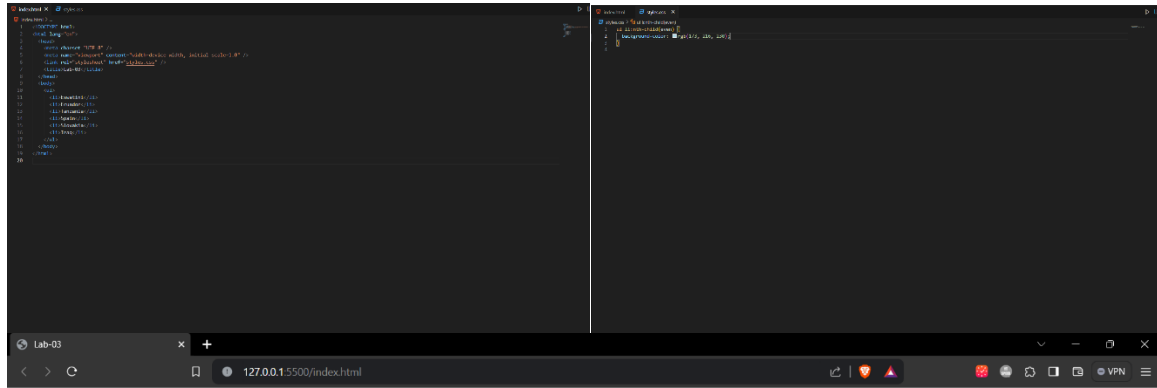


NAME: Rishit Tiwari
ROLL_NO.: 22CS3050

LAB – 03

WEB TECHNOLOGY

Q1.



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

Q2.

```
1 <script>const data = [
2   {
3     country: "Albania",
4     capital: "Tirana",
5     language: "Albanian"
6   },
7   {
8     country: "Papua New Guinea",
9     capital: "Port Moresby",
10    language: "English"
11  },
12  {
13    country: "Latvia",
14    capital: "Riga",
15    language: "Latvian"
16  },
17  {
18    country: "France",
19    capital: "Paris",
20    language: "French"
21  }
22 ];
23
24 <table>
25   <thead>
26     <tr>
27       <th>Country</th>
28       <th>Capital</th>
29       <th>Language</th>
30     </tr>
31   </thead>
32   <tbody>
33     <tr>
34       <td>Albania</td>
35       <td>Tirana</td>
36       <td>Albanian</td>
37     </tr>
38     <tr>
39       <td>Papua New Guinea</td>
40       <td>Port Moresby</td>
41       <td>English</td>
42     </tr>
43     <tr>
44       <td>Latvia</td>
45       <td>Riga</td>
46       <td>Latvian</td>
47     </tr>
48     <tr>
49       <td>France</td>
50       <td>Paris</td>
51       <td>French</td>
52     </tr>
53   </tbody>
54 </table>
```

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

Q3.

```
1 <div>
2   <h1>Grilled Cheese Sandwich with Bacon and Tomato</h1>
3   <h2>Ingredients</h2>
4   <ul>
5     <li>Bacon</li>
6     <li>Cheddar Cheese</li>
7     <li>Tomato slices</li>
8     <li>Butter</li>
9     <li>Bread slices</li>
10  </ul>
11  <h2>Instructions</h2>
12  <ol>
13    <li>Place bacon in a large, deep skillet. Cook over medium high heat until evenly brown. Drain, and set aside.</li>
14    <li>Heat a large skillet over medium heat. Spread butter onto one side of each slice of bread. Lay 2 slices of bread, butter side down, in the skillet. Top with a slice of cheese, 2 slices tomato, bacon, and another slice of cheese. Cook until the bottom is golden, butter side up. Flip sandwiches until golden on both sides.</li>
15  </ol>
16  <p>Recipe taken from -></p>
17 </div>
```

Grilled Cheese Sandwich with Bacon and Tomato

Ingredients

- Bacon
- Cheddar Cheese
- Tomato slices
- Butter
- Bread slices

Instructions

Place bacon in a large, deep skillet. Cook over medium high heat until evenly brown. Drain, and set aside.

Heat a large skillet over medium heat. Spread butter onto one side of each slice of bread. Lay 2 slices of bread, butter side down, in the skillet. Top with a slice of cheese, 2 slices tomato, bacon, and another slice of cheese. Cook until the bottom is golden, butter side up. Flip sandwiches until golden on both sides.

[Recipe taken from ->](#)

Q4.

```
1 <script src="/js/index.js"></script>
2
3 </script>
4
5 </body>
6 </html>
```

```
1 body {
2   margin: 0;
3   padding: 0;
4 }
5
6 .container {
7   display: flex;
8 }
9
10 .left-column {
11   width: 50%;
12   background-color: #f0f0f0;
13   padding: 10px;
14 }
15
16 .right-column {
17   width: 50%;
18   background-color: #e0ffe0;
19   padding: 10px;
20 }
21
22 @media (max-width: 600px) {
23   .left-column,
24   .right-column {
25     width: 100%;
26   }
27 }
```

Lab 03

127.0.0.1:5500/index.html

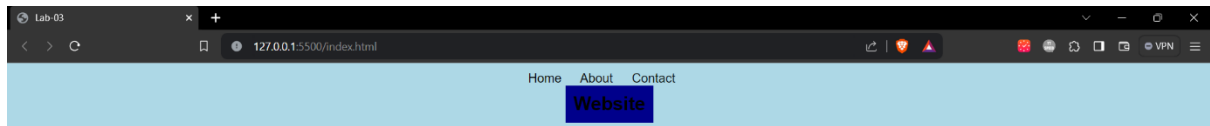
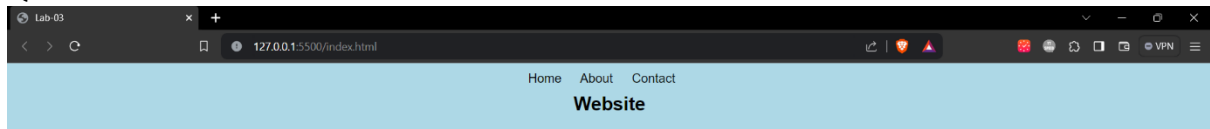
Best Selling Books on Kindle

The Silent Patient by Alex Michaelides
Becoming by Michelle Obama
The Great Alone by Kristin Hannah
Where the Crawdads Sing by Delia Owens
The Girl on the Train by Paula Hawkins

Favorite Celebrities/Athletes

LeBron James
Serena Williams
Dwayne "The Rock" Johnson
Zendaya
Lionel Messi

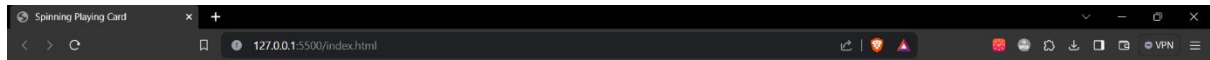
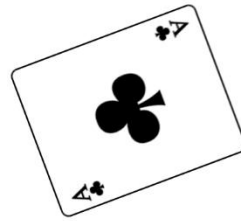
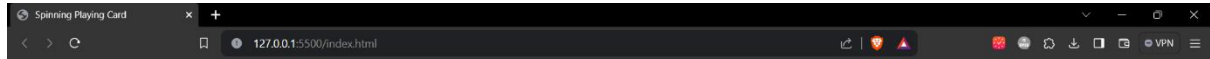
Q5.



```
index.html X styles.css
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>Lab-03</title>
8 </head>
9 <body>
10   <nav class="navbar">
11     <ul>
12       <li><a href="#">Home</a></li>
13       <li><a href="#">About</a></li>
14       <li><a href="#">Contact</a></li>
15     </ul>
16   <h1 class="title">Website</h1>
17 </nav>
18 </body>
19 </html>
20
```

```
index.html X styles.css X
styles.css --
1 body {
2   font-family: sans-serif;
3   margin: 0;
4 }
5
6 .navbar {
7   background-color: lightblue;
8   padding: 10px;
9   text-align: center;
10 }
11
12 .navbar ul {
13   list-style-type: none;
14   margin: 0;
15   padding: 0;
16 }
17
18 .navbar li {
19   display: inline;
20   margin-right: 20px;
21 }
22
23 .title {
24   display: inline-block;
25   margin: 0;
26   padding: 10px;
27   background-color: lightblue;
28   transition: background-color 0.3s;
29 }
30
31 .title:hover {
32   background-color: darkblue;
33 }
34
35 a {
36   text-decoration: none;
37   color: black;
38 }
39
40 a:hover {
41   color: white;
42 }
43
```

Q6.



```
index.html X styles.css
index.html > html > body > div.card-container > img.spinning-card
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>Spinning Playing Card</title>
8 </head>
9 <body>
10   <div class="card-container">
11     
12   </div>
13 </body>
14 </html>
15

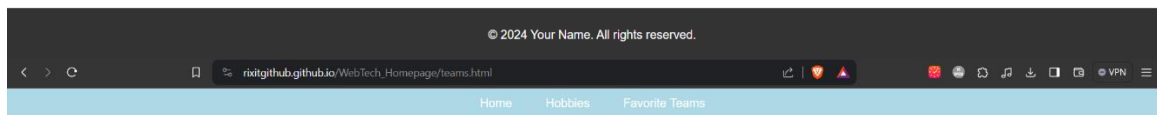
index.html X styles.css
styles.css > spinning-card
1 body {
2   display: flex;
3   align-items: center;
4   justify-content: center;
5   height: 100vh;
6   margin: 0;
7 }
8
9 .spinning-card,
10 .card-container {
11   animation: spin 5s linear infinite;
12 }
13
14 @keyframes spin {
15   0% {
16     transform: rotate(0deg);
17   }
18   100% {
19     transform: rotate(360deg);
20   }
21 }
22
```


Q7. GITHUB PAGES LINK - [GO TO THE WEBSITE](#)



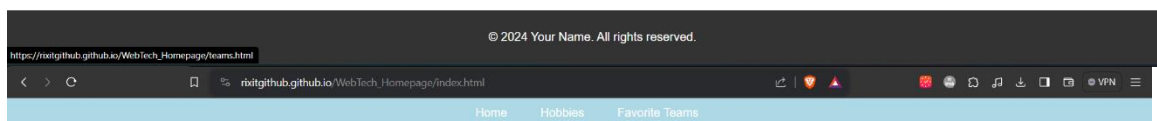
My Hobbies

1. Playing Football
2. Reading Novels
3. Coding



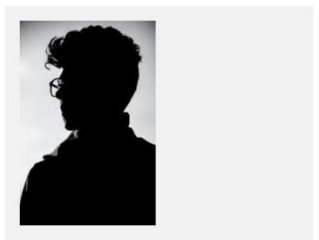
My Favorite Teams

1. RCB
2. FC Barcelona
3. Real Madrid



Welcome to My Homepage

My Name is Riishit Tiwari - A passionate full stack developer!



```
index.html x teams.html U hobbies.html U styles.css U
index.html > html > body > div.container > div.main-content > p
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    <div class="navbar">
11      <a href="index.html">Home</a>
12      <a href="hobbies.html">Hobbies</a>
13      <a href="teams.html">Favorite Teams</a>
14    </div>
15    <div class="container">
16      <div class="main-content">
17        <h1>Welcome to My Homepage</h1>
18        <p>My Name is Rishit Tiwari - A passionate full stack developer!</p>
19      </div>
20      <div class="sidebar">
21        
22      </div>
23    </div>
24    <footer>
25      <p>&copy; 2024 Your Name. All rights reserved.</p>
26    </footer>
27  </body>
28 </html>
29
```

```
index.html U teams.html U x hobbies.html U styles.css U
teams.html > html > body > div.container > div.main-content > p
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 - Favorite Teams</title>
8   </head>
9   <body>
10    <div class="navbar">
11      <a href="index.html">Home</a>
12      <a href="hobbies.html">Hobbies</a>
13      <a href="teams.html">Favorite Teams</a>
14    </div>
15    <div class="container">
16      <div class="main-content">
17        <h1>My Favorite Teams</h1>
18        <p>1. RCB</p>
19        <p>2. FC Barcelona</p>
20        <p>3. Real Madrid</p>
21      </div>
22      <div class="sidebar">
23        
24      </div>
25    </div>
26    <footer>
27      <p>&copy; 2024 Your Name. All rights reserved.</p>
28    </footer>
29  </body>
30 </html>
31
```

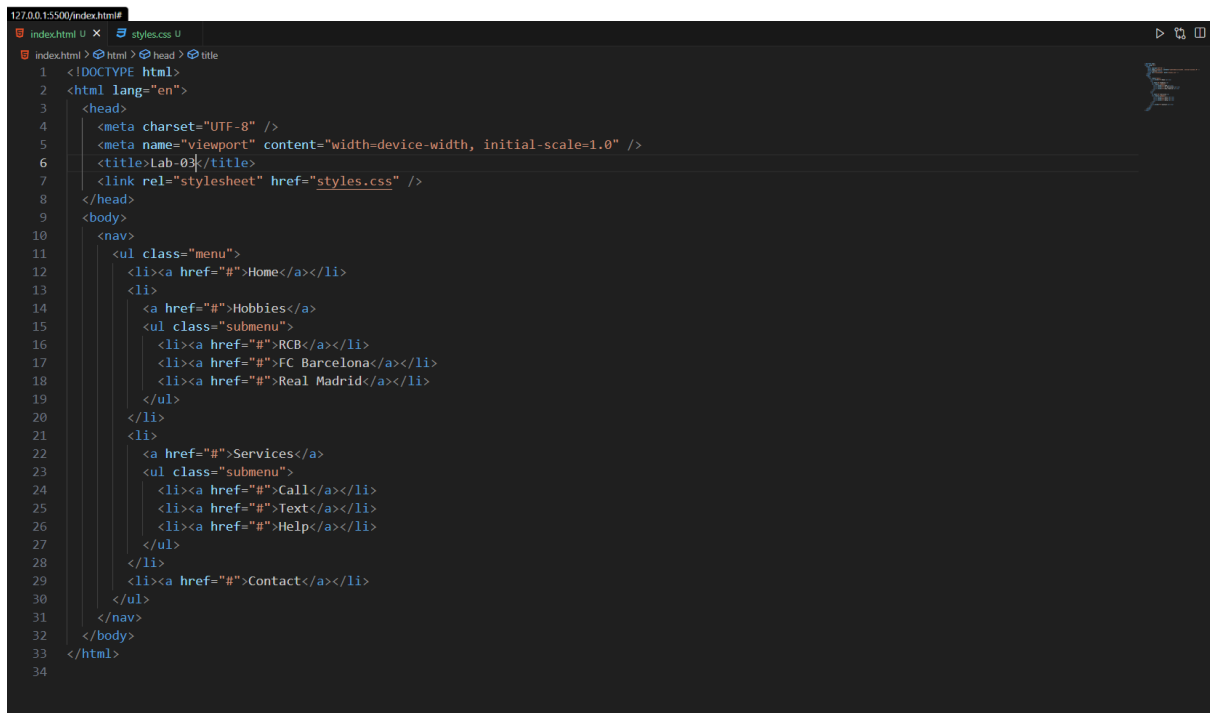
```
index.html U teams.html U hobbies.html U X styles.css U
hobbies.html > html > body > div.container > div.main-content > p
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6     <link rel="stylesheet" href="styles.css" />
7     <title>Your Name - Hobbies</title>
8   </head>
9   <body>
10    <div class="navbar">
11      <a href="index.html">Home</a>
12      <a href="hobbies.html">Hobbies</a>
13      <a href="teams.html">Favorite Teams</a>
14    </div>
15    <div class="container">
16      <div class="main-content">
17        <h1>My Hobbies</h1>
18        <p>1.Playing Football</p>
19        <p>2. Reading Novels</p>
20        <p>3. Coding</p>
21      </div>
22      <div class="sidebar">
23        
24      </div>
25    </div>
26    <footer>
27      <p>&copy; 2024 Your Name. All rights reserved.</p>
28    </footer>
29  </body>
30 </html>
31

styles.css > .container
1 body {
2   font-family: Arial, sans-serif;
3   margin: 0;
4 }
5
6 .navbar {
7   position: fixed;
8   top: 0;
9   width: 100%;
10  background-color: #lightblue;
11  padding: 10px;
12  text-align: center;
13 }
14
15 .navbar a {
16   text-decoration: none;
17   color: white;
18   margin: 0 20px;
19 }
20
21 .container {
22   display: flex;
23   justify-content: space-between;
24   margin-top: 50px;
25   padding: 20px;
26 }
27
28 .main-content {
29   width: 70%;
30 }
31
32 .sidebar {
33   width: 25%;
34   background-color: #f2f2f2;
35   padding: 20px;
36 }
37
38 footer {
39   background-color: #333;
40   color: white;
41   text-align: center;
42   padding: 10px;
43   position: fixed;
44   bottom: 0;
45   width: 100%;
46 }
47
```

Q8.



127.0.0.1:5500/index.html#



```
index.html U styles.css U X
1 body {
2   font-family: Arial, sans-serif;
3   margin: 0;
4   padding: 0;
5 }
6
7 nav ul {
8   list-style-type: none;
9   padding: 0;
10  margin: 0;
11  display: flex;
12 }
13
14 nav ul li {
15   position: relative;
16 }
17
18 nav ul li a {
19   display: block;
20   padding: 10px 20px;
21   text-decoration: none;
22   color: #333;
23 }
24
25 nav ul li: hover > ul {
26   display: block;
27 }
28
29 nav ul ul {
30   display: none;
31   position: absolute;
32   top: 100%;
33   left: 0;
34   background-color: #f2f2f2;
35   list-style-type: none;
36 }
37
38 nav ul li {
39   width: 100%;
40 }
41
42 nav ul ul li a {
43   display: block;
44   padding: 10px 20px;
45   color: #333;
46   text-decoration: none;
47 }
48
49 nav ul li: hover {
50   background-color: #ddd;
51 }
52 |
```