

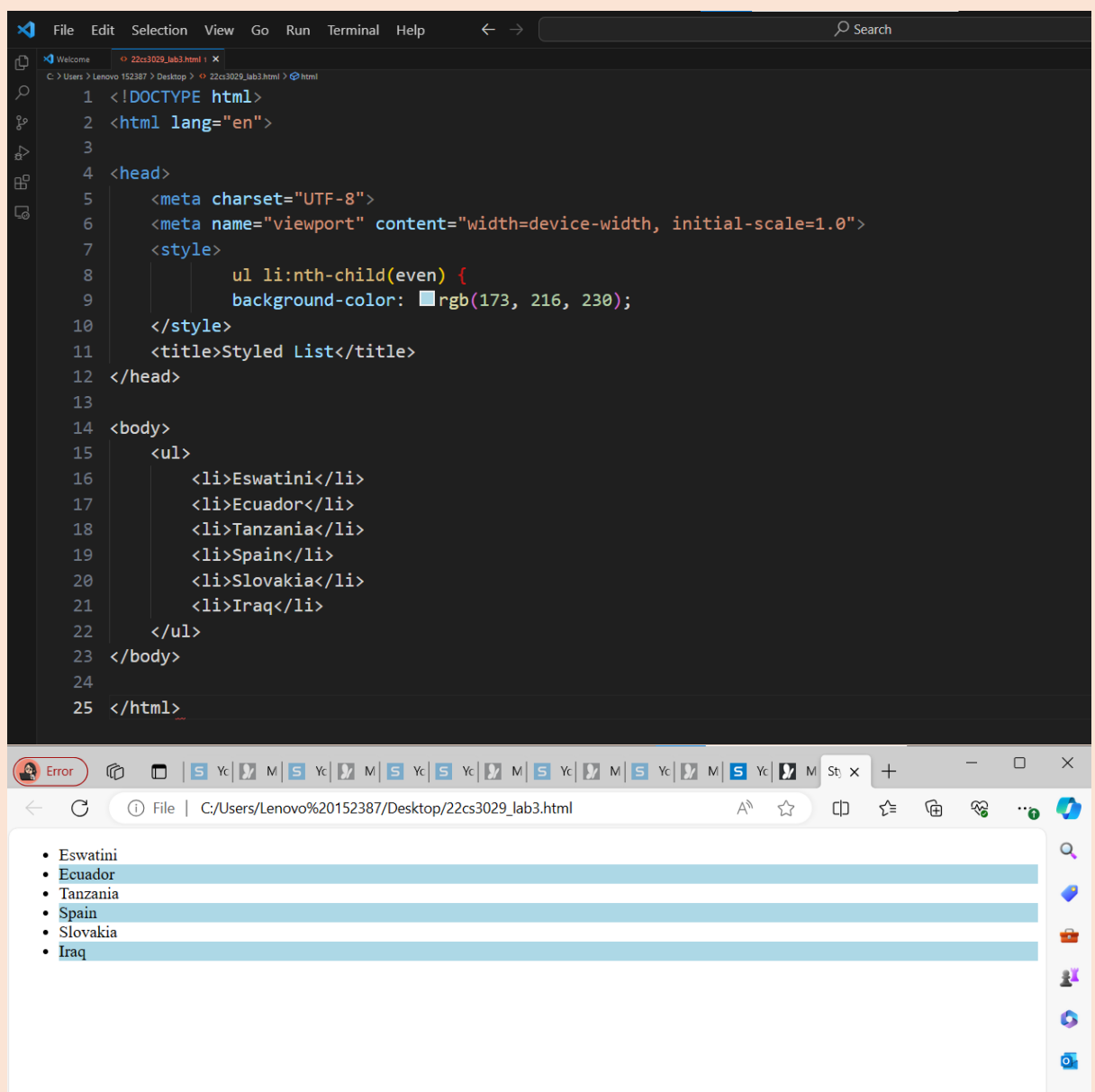
Lab-3 WEB TECHNOLOGY

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Branch-CSE

Roll no.-22cs3029

1.



2.

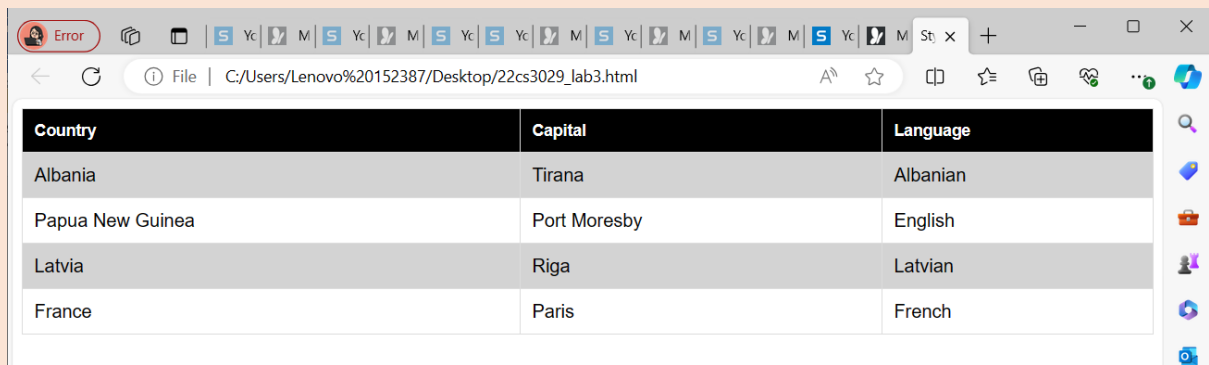
```
File Edit Selection View Go Run Terminal Help
22c3029_lab3.html X
C:\Users\Lenovo 152307\Desktop> 22c3029_lab3.html
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <style>
8     table {
9       font-family: 'Arial', sans-serif;
10      width: 100%;
11      border-collapse: collapse;
12    }
13
14    th {
15      font-size: 14px;
16      background-color: black;
17      color: white;
18      padding: 10px;
19    }
20
21    tr:nth-child(odd) {
22      background-color: lightgray;
23    }
24
25    td,
26    th {
27      border: 1px solid #dddddd;
28      text-align: left;
29      padding: 10px;
30    }
31  </style>
```

```
File Edit Selection View Go Run Terminal Help
22c3029_lab3.html X
C:\Users\Lenovo 152307\Desktop> 22c3029_lab3.html
30    }
31  </style>
32  <title>Styled Table</title>
33 </head>
34
35 <body>
36   <table>
37     <thead>
38       <tr>
39         <th>Country</th>
40         <th>Capital</th>
41         <th>Language</th>
42       </tr>
43     </thead>
44     <tbody>
45       <tr>
46         <td>Albania</td>
47         <td>Tirana</td>
48         <td>Albanian</td>
49       </tr>
50       <tr>
51         <td>Papua New Guinea</td>
52         <td>Port Moresby</td>
53         <td>English</td>
54       </tr>
55       <tr>
56         <td>Latvia</td>
57         <td>Riga</td>
58         <td>Latvian</td>
59       </tr>
60     </tbody>
61   </table>
```

```

51         <td>Papua New Guinea</td>
52         <td>Port Moresby</td>
53         <td>English</td>
54     </tr>
55     <tr>
56         <td>Latvia</td>
57         <td>Riga</td>
58         <td>Latvian</td>
59     </tr>
60     <tr>
61         <td>France</td>
62         <td>Paris</td>
63         <td>French</td>
64     </tr>
65 </tbody>
66 </table>
67 </body>
68
69 </html>

```



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

3.

```

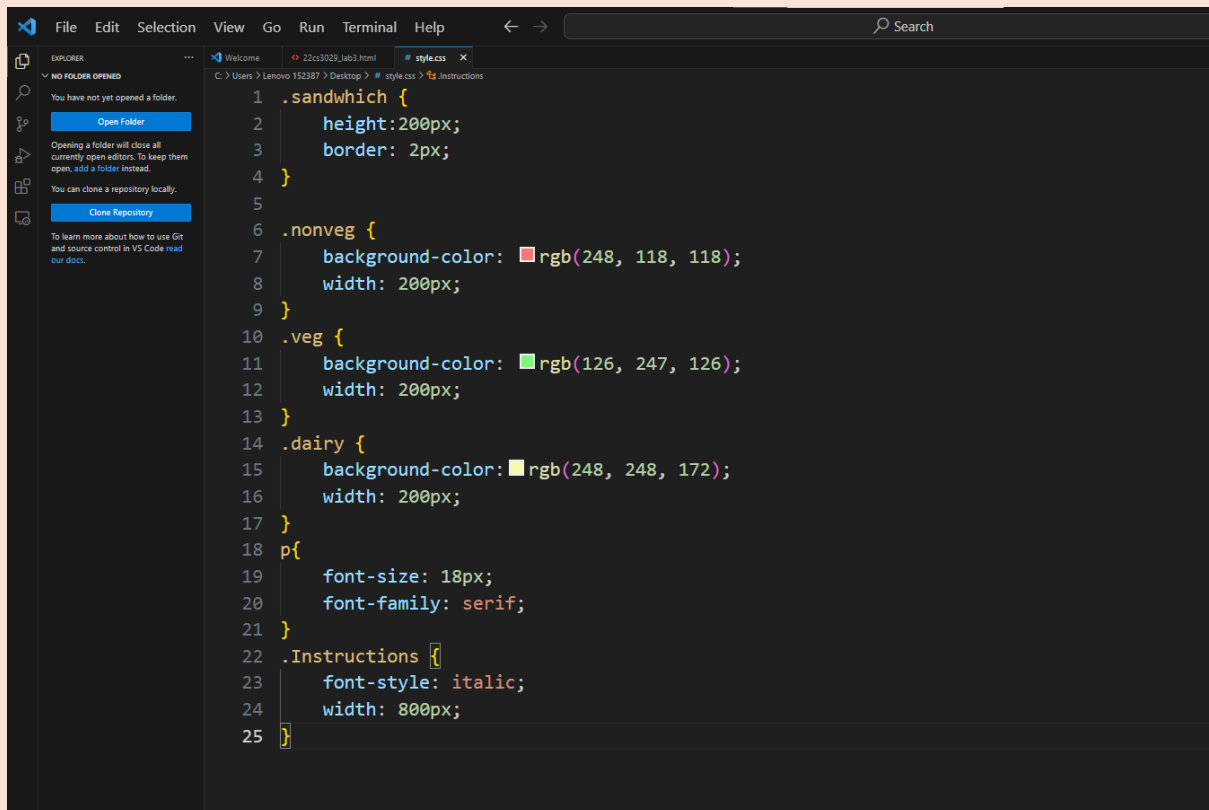
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <title>Recipe grilled cheese sandwich</title>
5   <link rel="stylesheet" href="style.css">
6 </head>
7 <body>
8   <div>
9     
10  </div>
11  <div>
12    <h1 class="heading">
13      Ingredients
14    </h1>
15    <p class="dairy">
16      8 slices White Bread
17    </p>
18    <p class="dairy">
19      8 slices of amul Cheese
20    </p>
21    <p class="nonveg">
22      8 slices Bacon
23    </p>
24    <p class="veg">
25      1 Tomato
26    </p>
27    <p class="dairy">
28      1/2 cup Butter
29    </p>
30  </div>

```

```

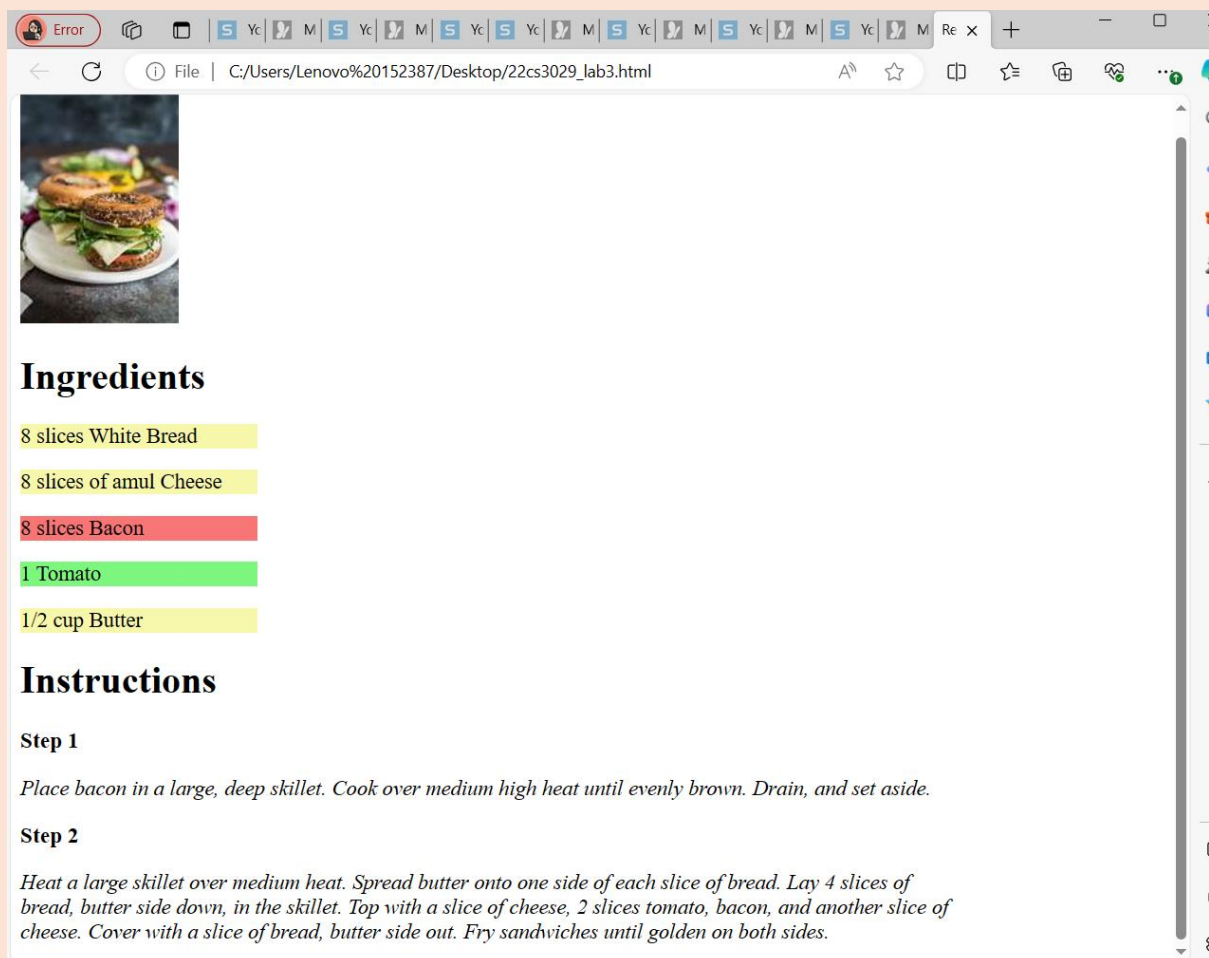
28    1/2 cup Butter
29    </p>
30  </div>
31  <div>
32    <h1 class="heading">
33      Instructions
34    </h1>
35    <h3>
36      Step 1
37    </h3>
38    <p class="Instructions">
39      Place bacon in a large, deep skillet.
40      Cook over medium high heat until evenly brown.
41      Drain, and set aside.
42    </p>
43    <h3>
44      Step 2
45    </h3>
46    <p class="Instructions">
47      Heat a large skillet over medium heat.
48      Spread butter onto one side of each slice of bread. Lay 4 slices of bread, butter side down, in the skillet.
49      Top with a slice of cheese, 2 slices tomato, bacon, and another slice of cheese. Cover with a slice of bread, butter
50    </p>
51  </div>
52 </body>
53
54 </html>

```



The screenshot shows the Visual Studio Code editor with a file named 'style.css' open. The code defines styles for a sandwich recipe page. The Explorer sidebar on the left shows the file structure with 'style.css' selected. The code is as follows:

```
1 .sandwich {
2     height:200px;
3     border: 2px;
4 }
5
6 .nonveg {
7     background-color: rgb(248, 118, 118);
8     width: 200px;
9 }
10
11 .veg {
12     background-color: rgb(126, 247, 126);
13     width: 200px;
14 }
15
16 .dairy {
17     background-color: rgb(248, 248, 172);
18     width: 200px;
19 }
20
21 p{
22     font-size: 18px;
23     font-family: serif;
24 }
25
26 .Instructions {
27     font-style: italic;
28     width: 800px;
29 }
```



4.

```
File Edit Selection View Go Run Terminal Help
C:\Users\Lenovo\152387\Desktop> 22cs3029_lab3.html > @html > @head > @style > *q container

1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <style>
8     body {
9       margin: 0;
10      padding: 0;
11      font-family: 'Arial', sans-serif;
12    }
13
14    .container {
15      display: flex;
16      width: 100%;
17    }
18
19    .left-column {
20      width: 50%;
21      background-color: lightgray;
22      padding: 20px;
23    }
24
25    .right-column {
26      width: 50%;
27      background-color: lightgreen;
28      padding: 20px;
29    }
30
31    ul {
```

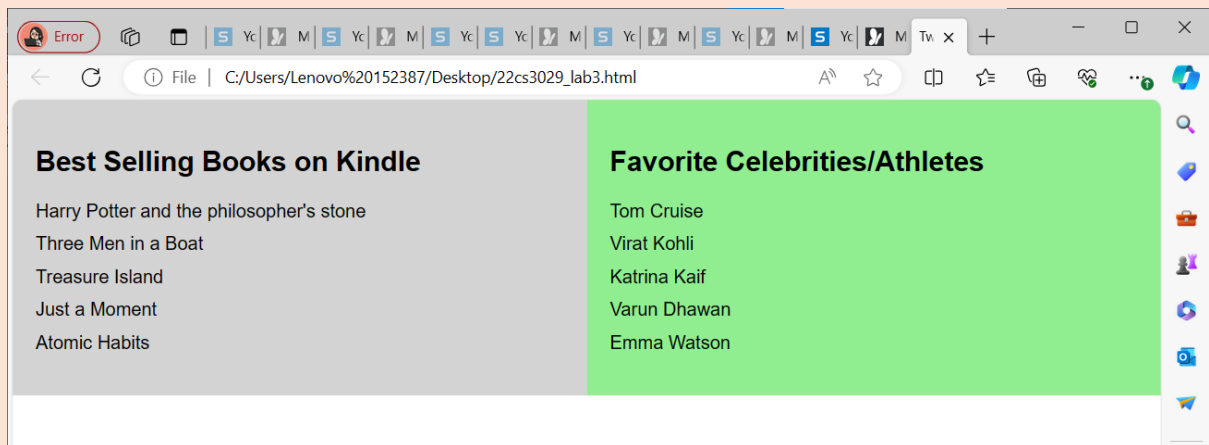
```
File Edit Selection View Go Run Terminal Help
C:\Users\Lenovo\152387\Desktop> 22cs3029_lab3.html > @html > @head > @style > *q container

24
25    .right-column {
26      width: 50%;
27      background-color: lightgreen;
28      padding: 20px;
29    }
30
31    ul {
32      list-style-type: none;
33      padding: 0;
34    }
35
36    li {
37      margin-bottom: 10px;
38    }
39  </style>
40  <title>Two Column Webpage</title>
41 </head>
42
43 <body>
44
45   <div class="container">
46     <div class="left-column">
47       <h2>Best Selling Books on Kindle</h2>
48       <ul>
49         <li>Harry Potter and the philosopher's stone</li>
50         <li>Three Men in a Boat</li>
51         <li>Treasure Island</li>
52         <li>Just a Moment</li>
53         <li>Atomic Habits</li>
54       </ul>
55     </div>
56   </div>
57 </body>
58 </html>
```

```

44
45 <div class="container">
46   <div class="left-column">
47     <h2>Best Selling Books on Kindle</h2>
48     <ul>
49       <li>Harry Potter and the philosopher's stone</li>
50       <li>Three Men in a Boat</li>
51       <li>Treasure Island</li>
52       <li>Just a Moment</li>
53       <li>Atomic Habits</li>
54     </ul>
55   </div>
56
57   <div class="right-column">
58     <h2>Favorite Celebrities/Athletes</h2>
59     <ul>
60       <li>Tom Cruise</li>
61       <li>Virat Kohli</li>
62       <li>Katrina Kaif</li>
63       <li>Varun Dhawan</li>
64       <li>Emma Watson</li>
65     </ul>
66   </div>
67 </div>
68
69 </body>
70
71 </html>

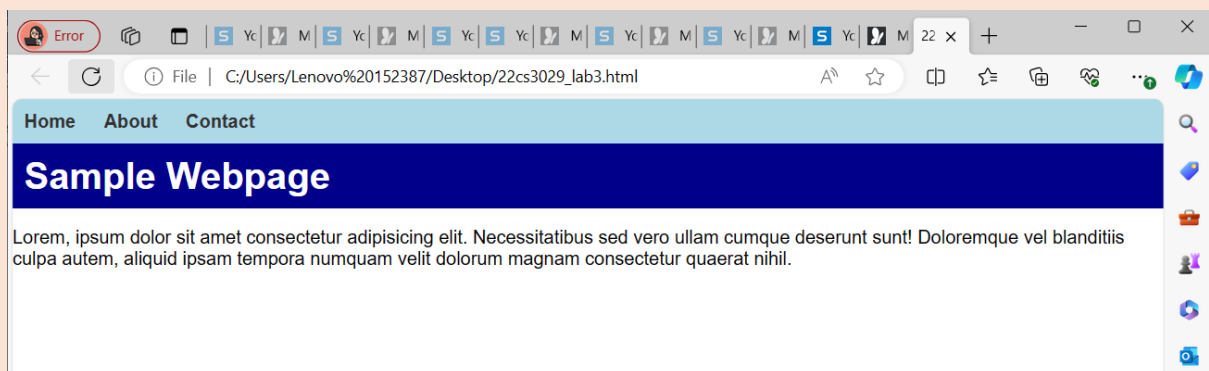
```



5.

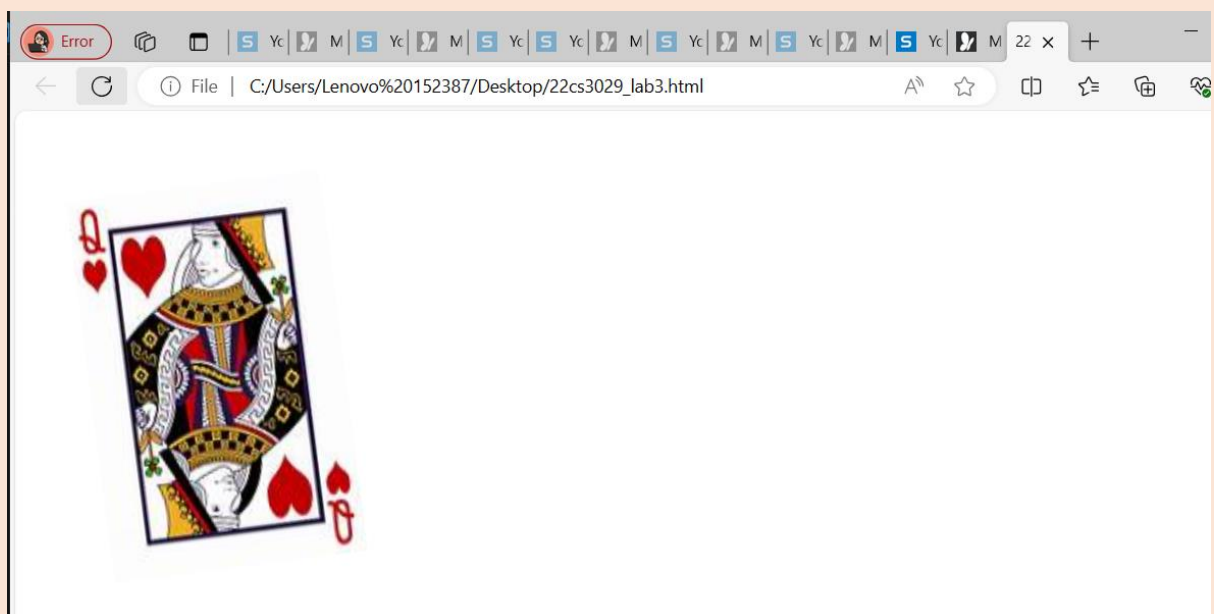
```
File Edit Selection View Go Run Terminal Help
22cs3029_lab3.html
C:\Users\Lenovo 152387\Desktop> 22cs3029_lab3.html @html
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <style>
7     body {
8       margin: 0;
9       font-family: Arial, sans-serif;
10    }
11    nav {
12      background-color: lightblue;
13      padding: 10px;
14    }
15    nav ul {
16      list-style-type: none;
17      margin: 0;
18      padding: 0;
19      display: inline;
20    }
21    nav li {
22      display: inline-block;
23      margin-right: 20px;
24    }
25    nav a {
26      text-decoration: none;
27      color: #333;
28      font-weight: bold;
29    }
30    nav a:hover {
31      color: white;
```

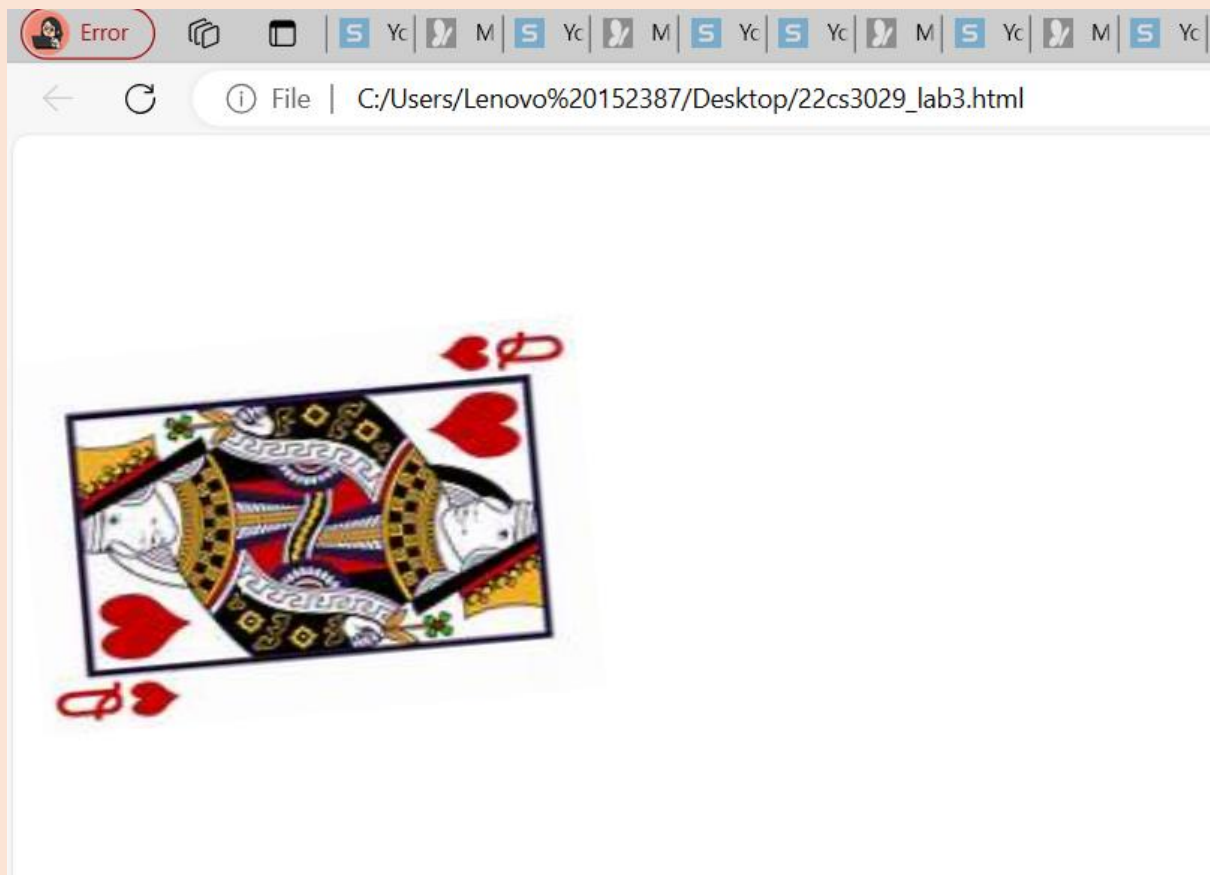
```
File Edit Selection View Go Run Terminal Help
22cs3029_lab3.html
C:\Users\Lenovo 152387\Desktop> 22cs3029_lab3.html @html
31      color: white;
32    }
33    h1 {
34      margin: 0;
35      padding: 10px;
36      background-color: darkblue;
37      color: white;
38      transition: background-color 0.3s;
39    }
40    h1:hover {
41      background-color: royalblue;
42    }
43  </style>
44 </head>
45 <body>
46   <nav>
47     <ul>
48       <li><a href="https://www.google.com/">Home</a></li>
49       <li><a href="https://www.instagram.com/">About</a></li>
50       <li><a href="https://www.youtube.com/">Contact</a></li>
51     </ul>
52   </nav>
53   <h1>Sample Webpage</h1>
54   <p>Lorem, ipsum dolor sit amet consectetur adipisicing elit. Necessitatibus sed vero ullam cumque deserunt sunt! Doloremque vel blanditi
55 </body>
56 </html>
```



6.

```
File Edit Selection View Go Run Terminal Help
22cs3029_lab3.html
C:\Users\Lenovo 152387\Desktop> 22cs3029_lab3.html > html > body > img#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   <style>
7     @keyframes spin {
8       0% { transform: rotate(0deg); }
9       100% { transform: rotate(360deg); }
10    }
11
12    #card {
13      width: 200px;
14      height: 300px;
15      margin: 50px;
16      animation: spin 5s linear infinite;
17    }
18  </style>
19 </head>
20 <body>
21   
22 </body>
23 </html>
```

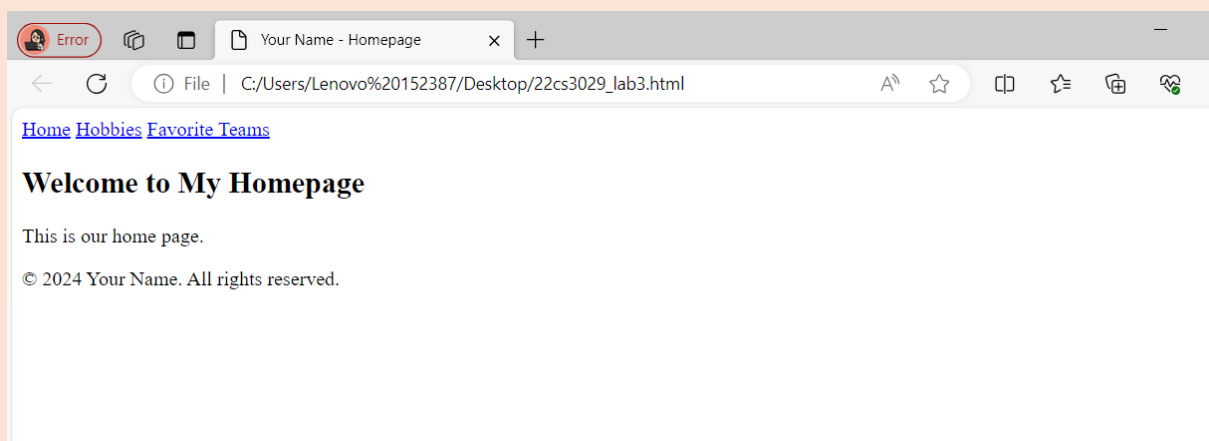




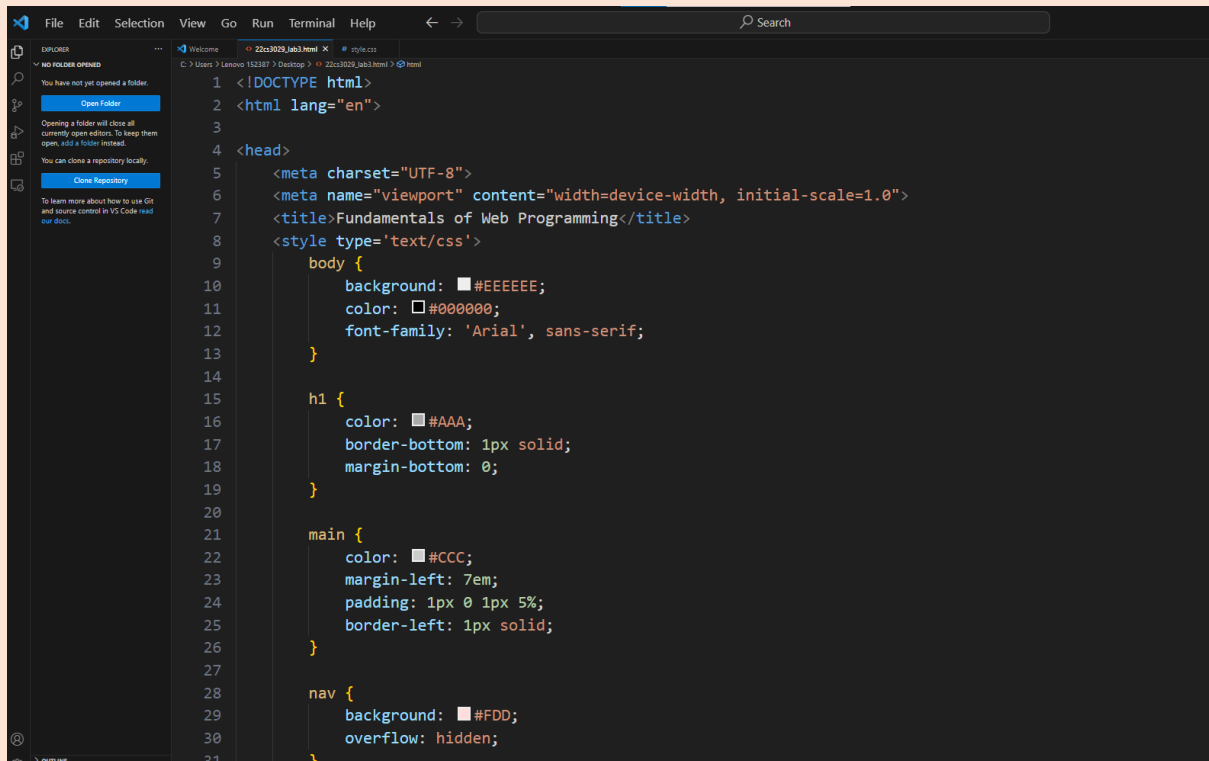
7.

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <link rel="stylesheet" href="styles.css">
8   <title>Your Name - Homepage</title>
9 </head>
10
11 <body>
12   <header>
13     <nav class="navbar">
14       <div class="container">
15         <a href="index.html">Home</a>
16         <a href="hobbies.html">Hobbies</a>
17         <a href="teams.html">Favorite Teams</a>
18       </div>
19     </nav>
20   </header>
21
22   <div class="container">
23     <main>
24       <section class="content">
25         <h1>Welcome to My Homepage</h1>
26         This is our home page.
27       </section>
28     </main>
29   </div>
30
31   <footer>
```

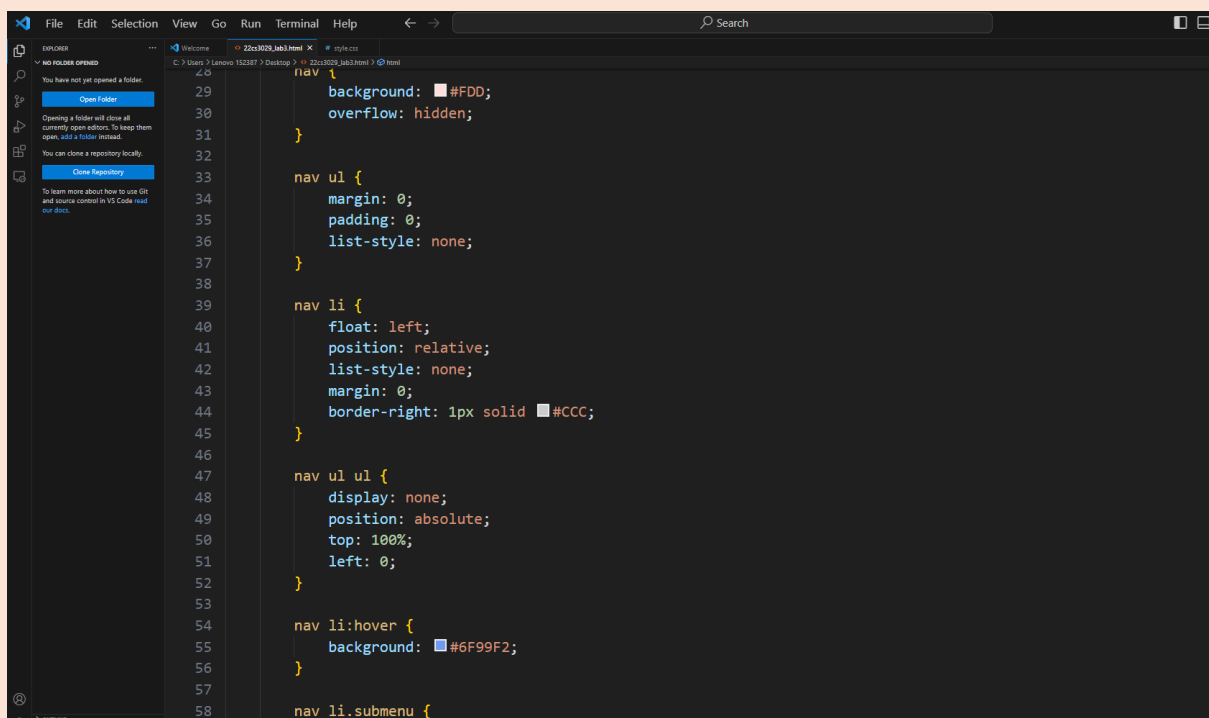
```
31   <footer>
32     <div class="container">
33       <p>&copy; 2024 Your Name. All rights reserved.</p>
34     </div>
35   </footer>
36 </body>
37
38 </html>
```



8.



```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Fundamentals of Web Programming</title>
8   <style type='text/css'>
9     body {
10       background: #EEEEEE;
11       color: #000000;
12       font-family: 'Arial', sans-serif;
13     }
14
15     h1 {
16       color: #AAA;
17       border-bottom: 1px solid;
18       margin-bottom: 0;
19     }
20
21     main {
22       color: #CCC;
23       margin-left: 7em;
24       padding: 1px 0 1px 5%;
25       border-left: 1px solid;
26     }
27
28     nav {
29       background: #FDD;
30       overflow: hidden;
31     }
```



```
29     nav {
30       background: #FDD;
31       overflow: hidden;
32     }
33
34     nav ul {
35       margin: 0;
36       padding: 0;
37       list-style: none;
38     }
39
40     nav li {
41       float: left;
42       position: relative;
43       list-style: none;
44       margin: 0;
45       border-right: 1px solid #CCC;
46     }
47
48     nav ul ul {
49       display: none;
50       position: absolute;
51       top: 100%;
52       left: 0;
53     }
54
55     nav li: hover {
56       background: #6F99F2;
57     }
58     nav li.submenu {
```

```
File Edit Selection View Go Run Terminal Help
22cs3029_lab3.html
57
58     nav li.submenu {
59         background: url(https://runestone.academy/ns/books/published/webfundamentals/_static/submenu.gif) 95% 50% no-repeat;
60     }
61
62     nav li.submenu:hover {
63         background-color: #EEDD;
64     }
65
66     nav li:hover>ul {
67         display: inherit;
68     }
69
70     nav li a {
71         display: block;
72         padding: 0.25em 1em;
73         text-decoration: none;
74     }
75 </style>
76 </head>
77
78 <body>
79
80 <h1>Fundamentals of Web Programming</h1>
81
82 <nav>
83     <ul class='level1'>
84         <li><a href='/'>Home</a></li>
85         <li class='submenu'><a href='#'>Syllabus</a>
86             <ul class='level2'>
87                 <li><a href='#'>Text Book</a></li>
```

```
File Edit Selection View Go Run Terminal Help
22cs3029_lab3.html
81
82 <nav>
83     <ul class='level1'>
84         <li><a href='/'>Home</a></li>
85         <li class='submenu'><a href='#'>Syllabus</a>
86             <ul class='level2'>
87                 <li><a href='#'>Text Book</a></li>
88                 <li><a href='#'>Office Hours</a></li>
89                 <li><a href='#'>Grading Policy</a></li>
90                 <li><a href='#'>Learning Goals</a></li>
91             </ul>
92         </li>
93         <li><a href='#'>Resources</a></li>
94         <li class='submenu'><a href='#'>Publications</a>
95             <ul class='level2'>
96                 <li><a href='#'>Articles</a></li>
97                 <li class='submenu'><a href='#'>Tutorials</a>
98                     <ul class='level3'>
99                         <li><a href='#'>HTML</a></li>
100                        <li><a href='#'>CSS</a></li>
101                        <li><a href='#'>SVG</a></li>
102                        <li><a href='#'>XML</a></li>
103                    </ul>
104                </li>
105                <li><a href='#'>Assignments</a></li>
106            </ul>
107        </li>
108        <li><a href='#'>Contact</a></li>
109    </ul>
110 </nav>
111
```

```
File Edit Selection View Go Run Terminal Help
C:\Users\Lenovo\20152387\Desktop\22cs3029_lab3.html

97      <li class='submenu'><a href='#'>Tutorials</a>
98      <ul class='level3'>
99          <li><a href='#'>HTML</a></li>
100         <li><a href='#'>CSS</a></li>
101         <li><a href='#'>SVG</a></li>
102         <li><a href='#'>XML</a></li>
103     </ul>
104 </li>
105 <li><a href='#'>Assignments</a></li>
106 </ul>
107 </nav>
108 <li><a href='#'>Contact</a></li>
109 </ul>
110 </nav>
111
112 <main>
113 <p>
114     Lorem ipsum, dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet do-
115     Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu fei-
116     Lorem ipsum, dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet do-
117     Lorem ipsum, dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet do-
118 </p>
119 </main>
120
121 </body>
122
123 </html>
```

