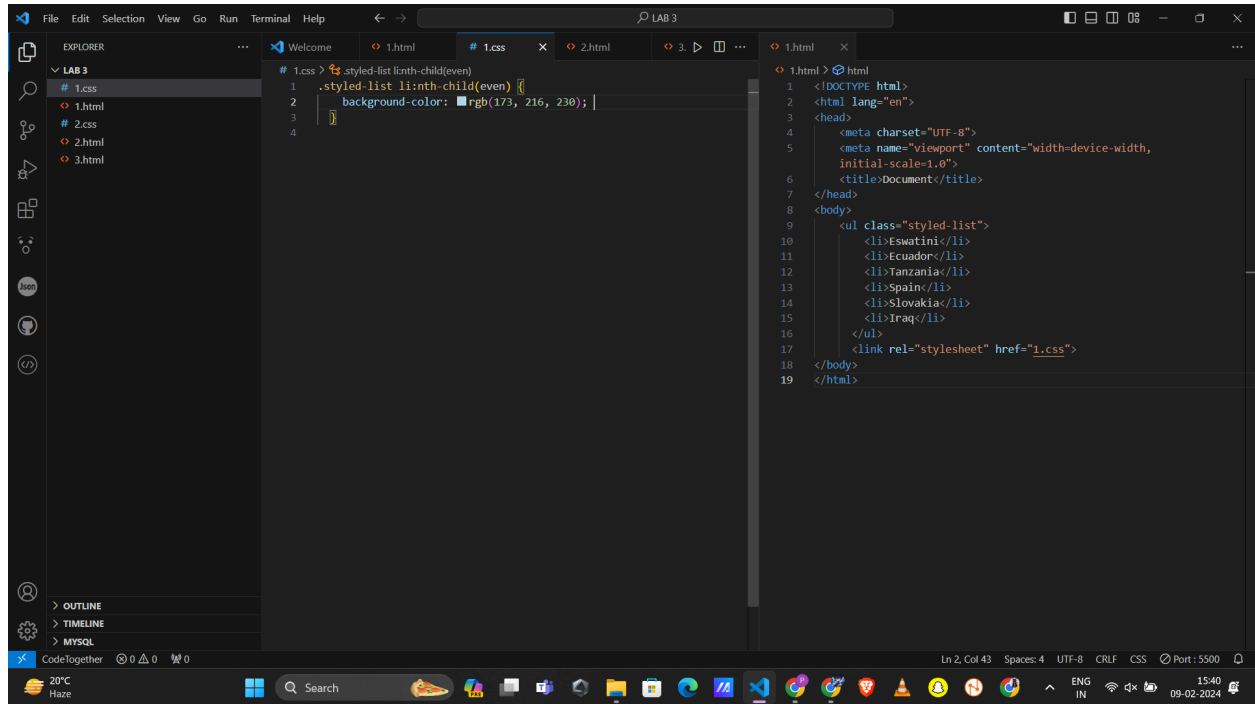


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# LAB-03

## TASK-1



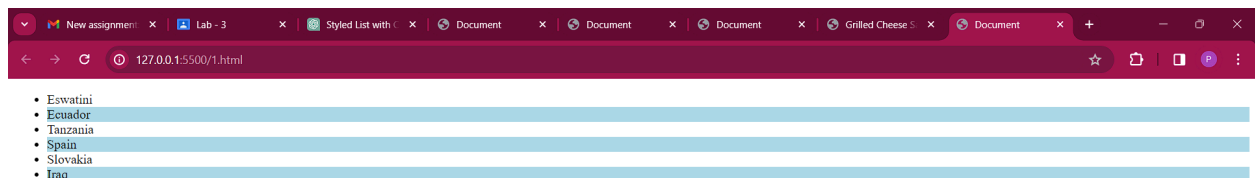
The screenshot shows the Visual Studio Code editor interface. The Explorer panel on the left shows a project named 'LAB 3' with files 1.css, 1.html, 2.css, 2.html, and 3.html. The main editor area has two tabs: 1.css and 1.html. The 1.css tab is active, showing the following CSS code:

```
1 .styled-list li:nth-child(even) {  
2     background-color: rgb(173, 216, 230);  
3 }  
4
```

The 1.html tab shows the following HTML code:

```
1 <!DOCTYPE html>  
2 <html lang="en">  
3 <head>  
4     <meta charset="UTF-8">  
5     <meta name="viewport" content="width=device-width,  
6         initial-scale=1.0">  
7     <title>Document</title>  
8 </head>  
9 <body>  
10     <ul class="styled-list">  
11         <li>Eswatini</li>  
12         <li>Ecuador</li>  
13         <li>Tanzania</li>  
14         <li>Spain</li>  
15         <li>Slovakia</li>  
16         <li>Iraq</li>  
17     </ul>  
18 </body>  
19 </html>
```

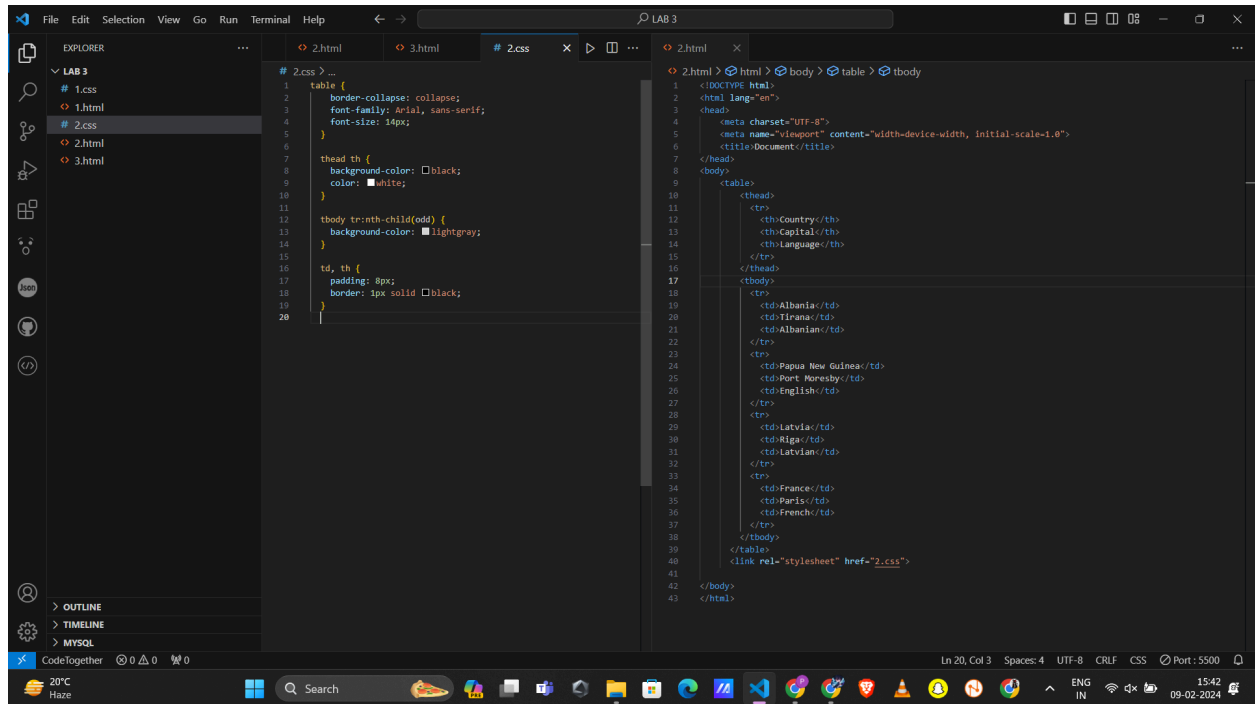
The status bar at the bottom indicates 'Ln 2, Col 43', 'Spaces: 4', 'UTF-8', 'CRLF', 'CSS', and 'Port: 5500'.



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## TASK-2

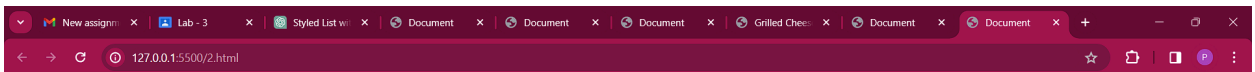


The screenshot shows the Visual Studio Code editor interface. The Explorer panel on the left shows a project named 'LAB 3' with files '1.css', '1.html', '2.css', '2.html', and '3.html'. The main editor area has two tabs open: '2.css' and '2.html'. The '2.css' tab shows the following CSS code:

```
1 table {  
2   border-collapse: collapse;  
3   font-family: Arial, sans-serif;  
4   font-size: 14px;  
5 }  
6  
7 thead th {  
8   background-color: black;  
9   color: white;  
10 }  
11  
12 tbody tr:nth-child(odd) {  
13   background-color: lightgray;  
14 }  
15  
16 td, th {  
17   padding: 8px;  
18   border: 1px solid black;  
19 }  
20
```

The '2.html' tab shows the following HTML code:

```
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   <title>Document</title>  
7 </head>  
8 <body>  
9   <table>  
10     <thead>  
11       <tr>  
12         <th>Country</th>  
13         <th>Capital</th>  
14         <th>Language</th>  
15       </tr>  
16     </thead>  
17     <tbody>  
18       <tr>  
19         <td>Albania</td>  
20         <td>Tirana</td>  
21         <td>Albanian</td>  
22       </tr>  
23       <tr>  
24         <td>Papua New Guinea</td>  
25         <td>Port Moresby</td>  
26         <td>English</td>  
27       </tr>  
28       <tr>  
29         <td>Latvia</td>  
30         <td>Riga</td>  
31         <td>Latvian</td>  
32       </tr>  
33       <tr>  
34         <td>France</td>  
35         <td>Paris</td>  
36         <td>French</td>  
37       </tr>  
38     </tbody>  
39   </table>  
40   <link rel="stylesheet" href="2.css">  
41 </body>  
42 </html>
```



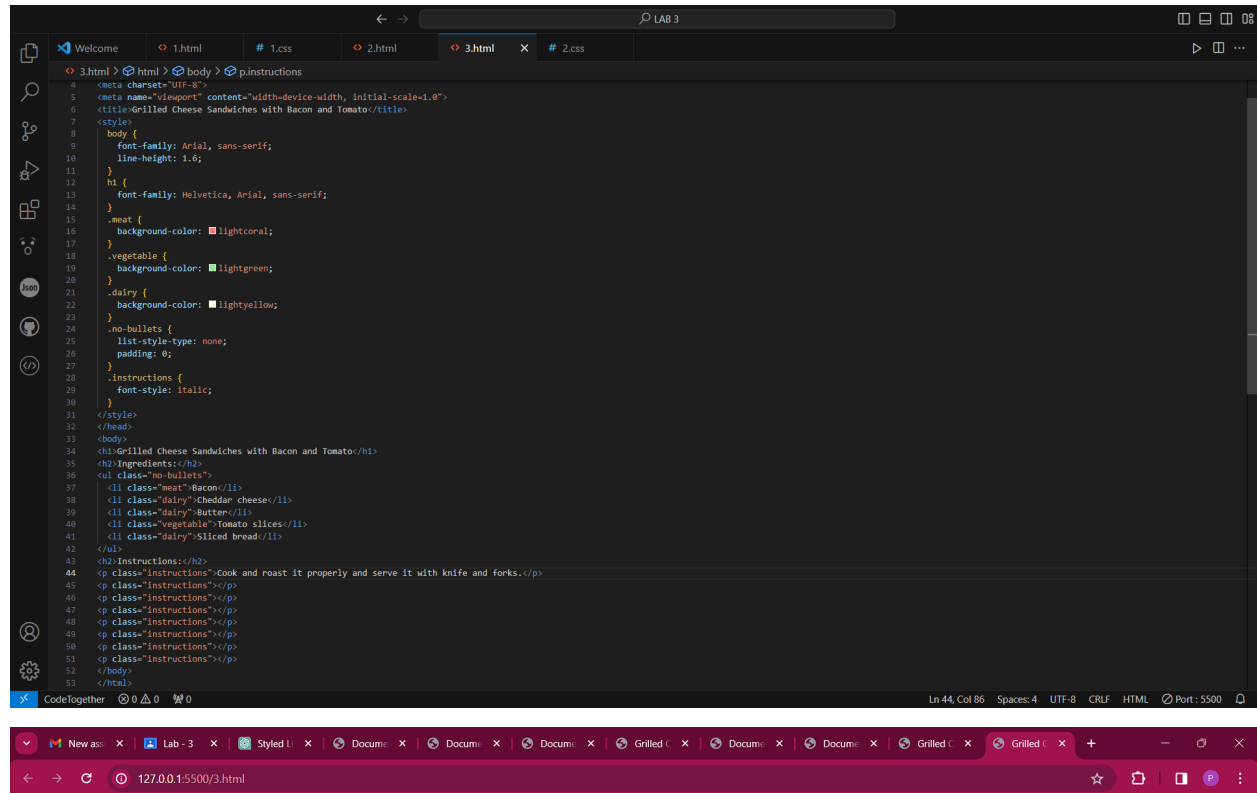
Country	Capital	Language
Albania	Tirana	Albanian
Papua New Guinea	Port Moresby	English
Latvia	Riga	Latvian
France	Paris	French



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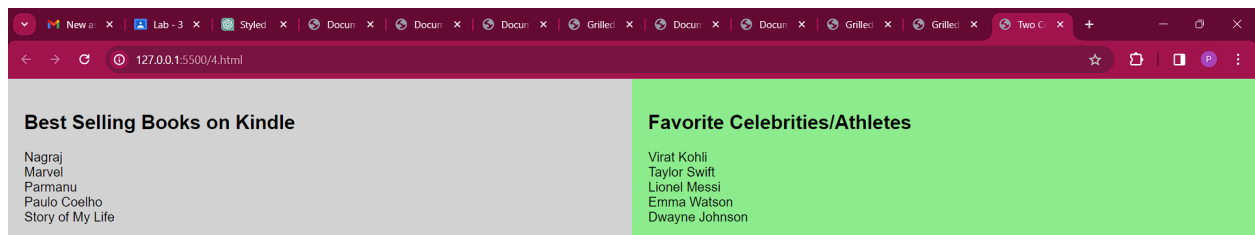
## TASK-3



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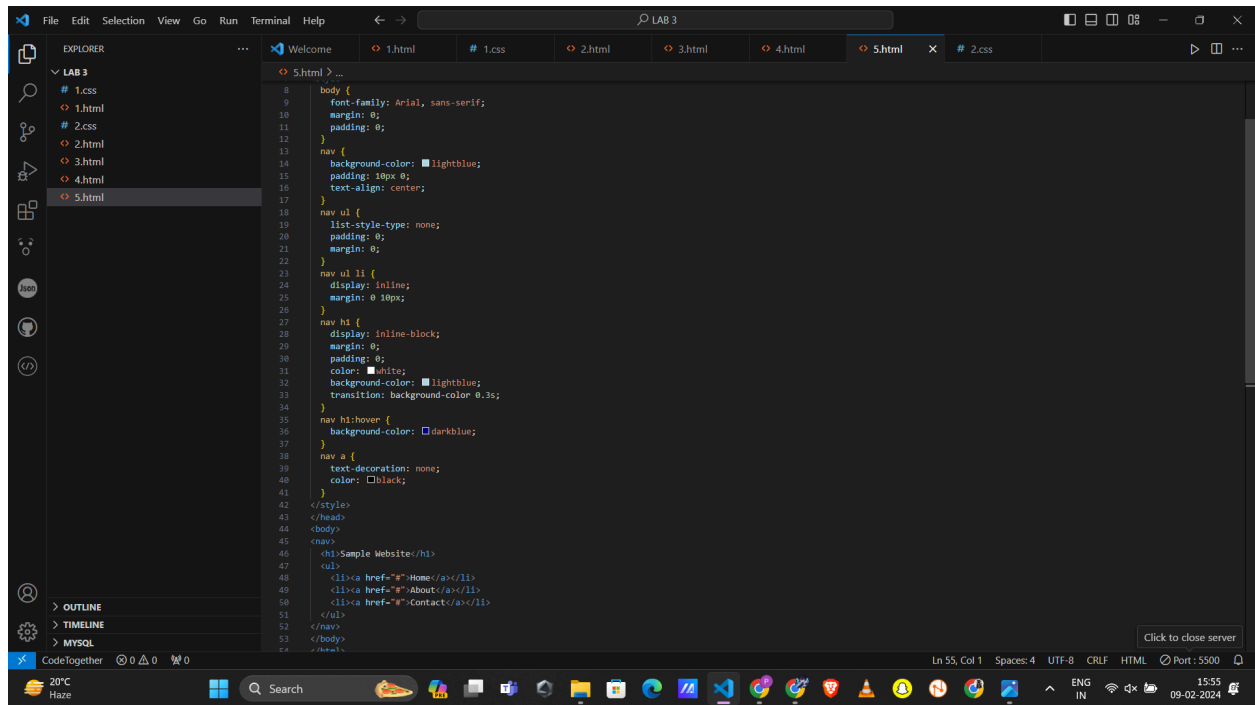
## TASK-4



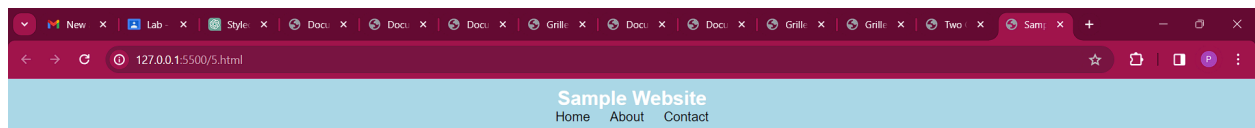
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## TASK-5



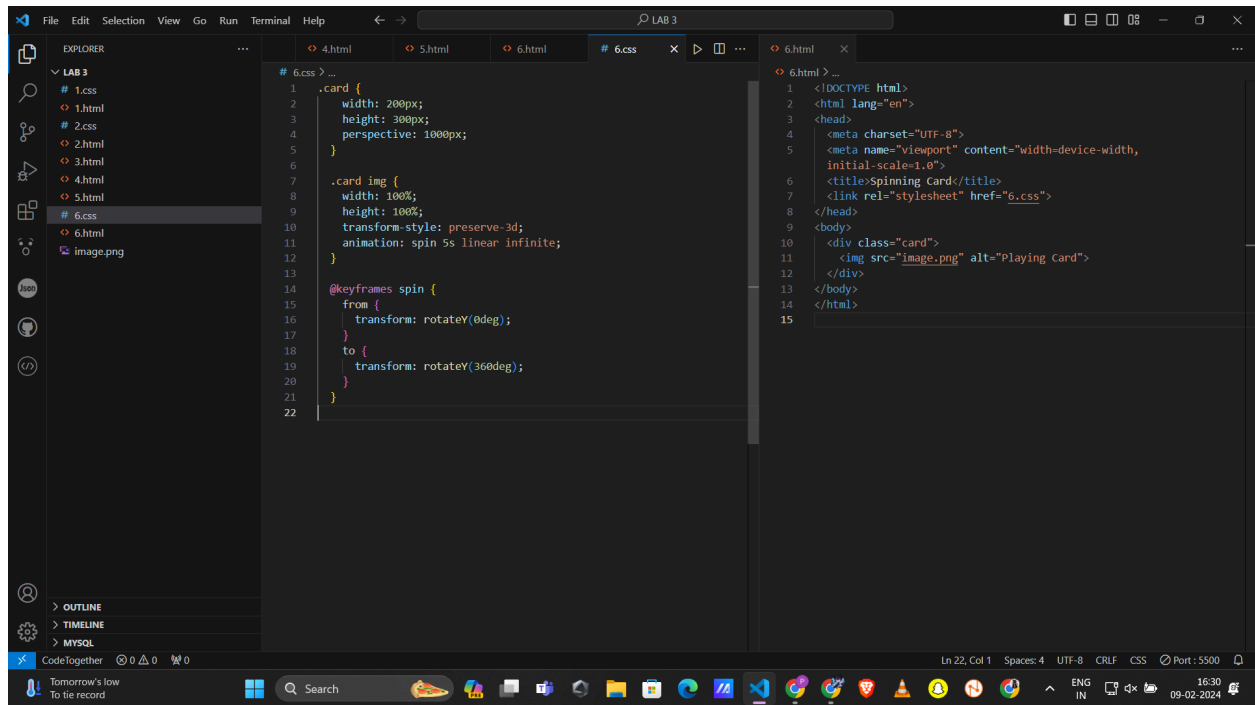
```
8 body {
9   font-family: Arial, sans-serif;
10  margin: 0;
11  padding: 0;
12 }
13 nav {
14   background-color: lightblue;
15   padding: 10px 0;
16   text-align: center;
17 }
18 nav ul {
19   list-style-type: none;
20   padding: 0;
21   margin: 0;
22 }
23 nav ul li {
24   display: inline;
25   margin: 0 10px;
26 }
27 nav h1 {
28   display: inline-block;
29   margin: 0;
30   padding: 0;
31   color: white;
32   background-color: lightblue;
33   transition: background-color 0.3s;
34 }
35 nav h1:hover {
36   background-color: darkblue;
37 }
38 nav a {
39   text-decoration: none;
40   color: black;
41 }
42 </style>
43 </head>
44 <body>
45 <nav>
46   <h1>Sample Website</h1>
47   <ul>
48     <li><a href="#">Home</a></li>
49     <li><a href="#">About</a></li>
50     <li><a href="#">Contact</a></li>
51   </ul>
52 </nav>
53 </body>
```



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## TASK-6



The screenshot shows the Visual Studio Code editor with two files open: 6.css and 6.html. The 6.css file contains CSS rules for a spinning card, including a 3D perspective, a keyframe animation named 'spin', and a class 'card' that applies these styles to an image. The 6.html file contains the HTML structure, including a DOCTYPE declaration, meta tags for charset and viewport, a title, a link to the CSS file, and a body containing a div with the class 'card' and an image source 'image.png'.

```
6.css
1 .card {
2   width: 200px;
3   height: 300px;
4   perspective: 1000px;
5 }
6
7 .card img {
8   width: 100%;
9   height: 100%;
10  transform-style: preserve-3d;
11  animation: spin 5s linear infinite;
12 }
13
14 @keyframes spin {
15   from {
16     transform: rotateY(0deg);
17   }
18   to {
19     transform: rotateY(360deg);
20   }
21 }
22

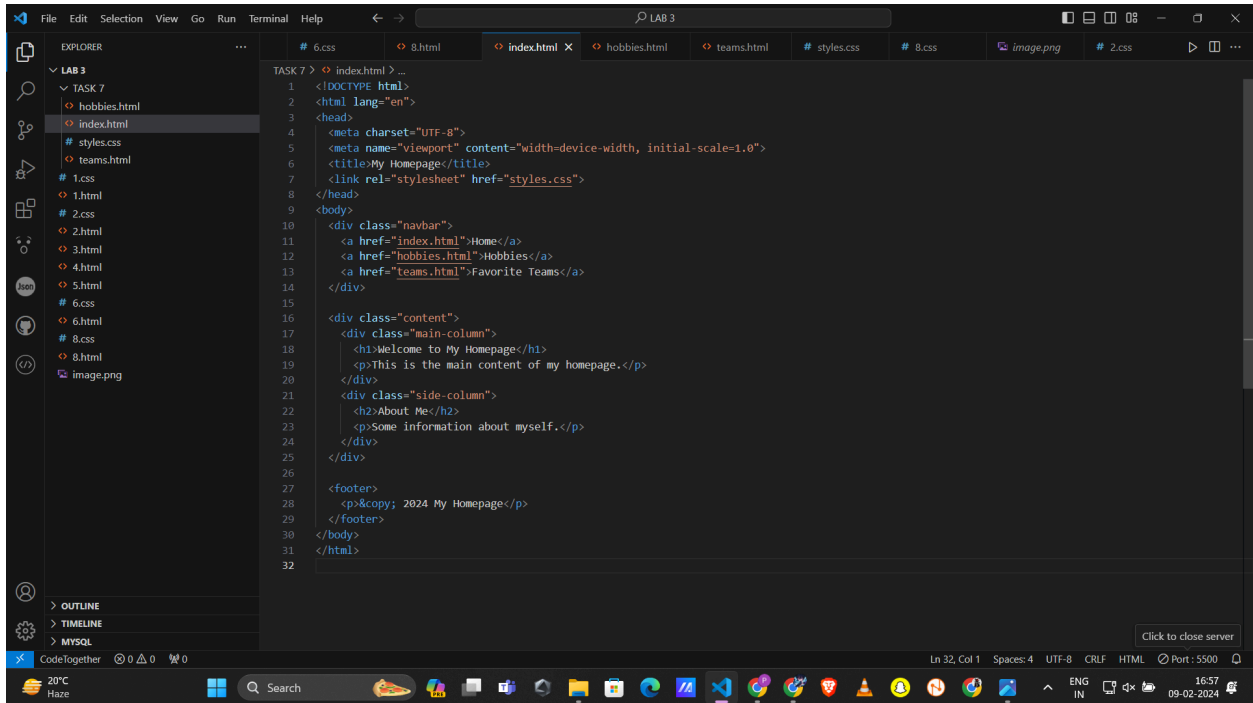
6.html
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width,
6     initial-scale=1.0">
7   <title>Spinning Card</title>
8   <link rel="stylesheet" href="6.css">
9 </head>
10 <body>
11   <div class="card">
12     
13   </div>
14 </body>
15 </html>
```



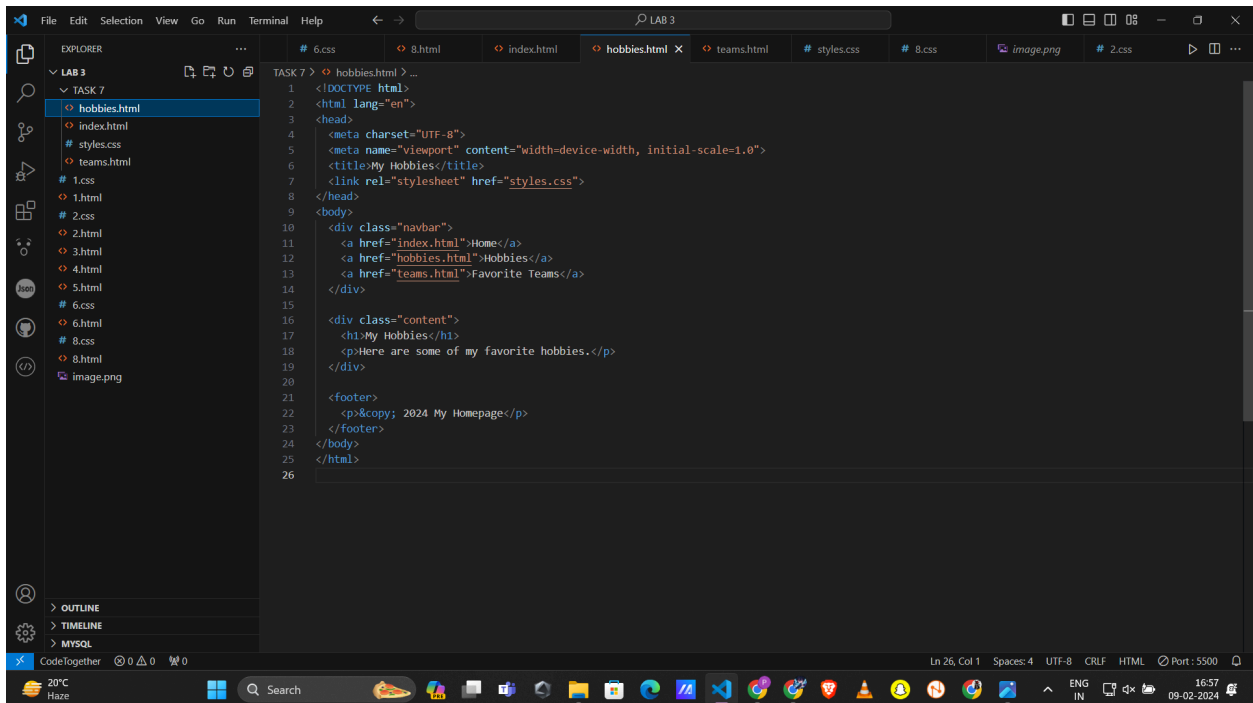
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## TASK-7



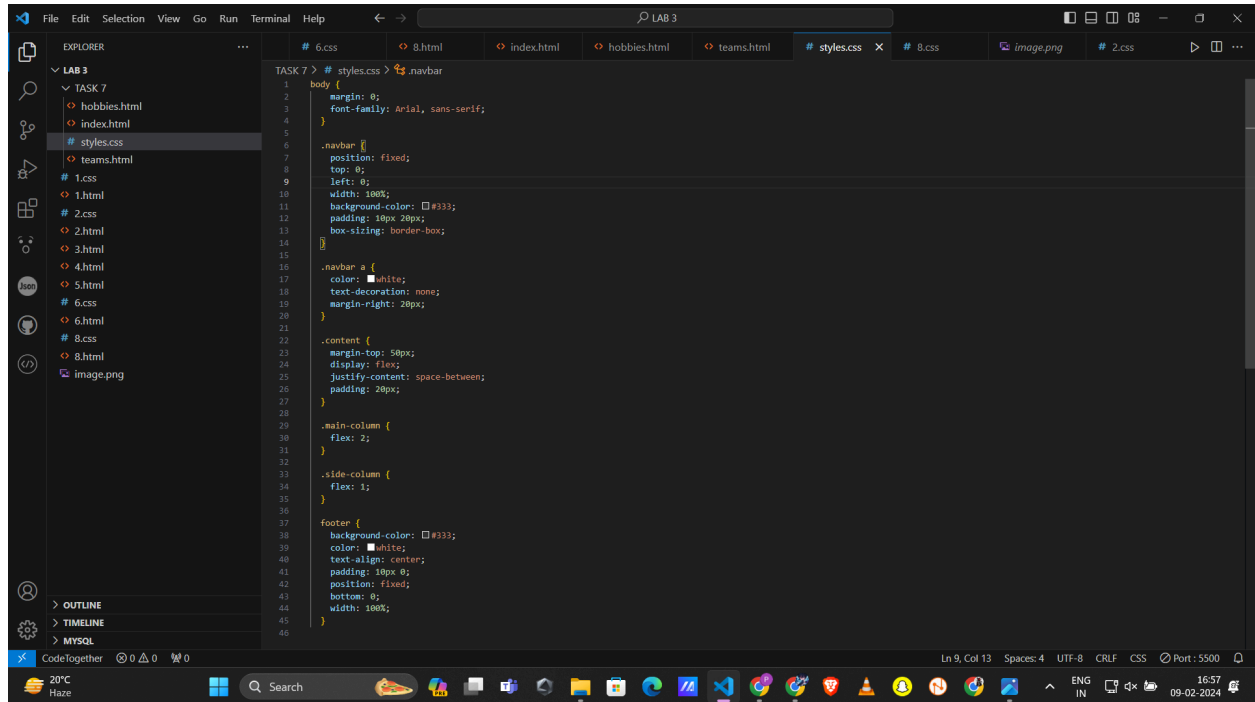
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>My Homepage</title>
7   <link rel="stylesheet" href="styles.css">
8 </head>
9 <body>
10  <div class="navbar">
11    <a href="index.html">Home</a>
12    <a href="hobbies.html">Hobbies</a>
13    <a href="teams.html">Favorite Teams</a>
14  </div>
15
16  <div class="content">
17    <div class="main-column">
18      <h1>Welcome to My Homepage</h1>
19      <p>This is the main content of my homepage.</p>
20    </div>
21    <div class="side-column">
22      <h2>About Me</h2>
23      <p>Some information about myself.</p>
24    </div>
25  </div>
26
27  <footer>
28    <p>&copy; 2024 My Homepage</p>
29  </footer>
30 </body>
31 </html>
32
```



```
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   <title>My Hobbies</title>
7   <link rel="stylesheet" href="styles.css">
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
16  <div class="content">
17    <h1>My Hobbies</h1>
18    <p>Here are some of my favorite hobbies.</p>
19  </div>
20
21  <footer>
22    <p>&copy; 2024 My Homepage</p>
23  </footer>
24 </body>
25 </html>
26
```

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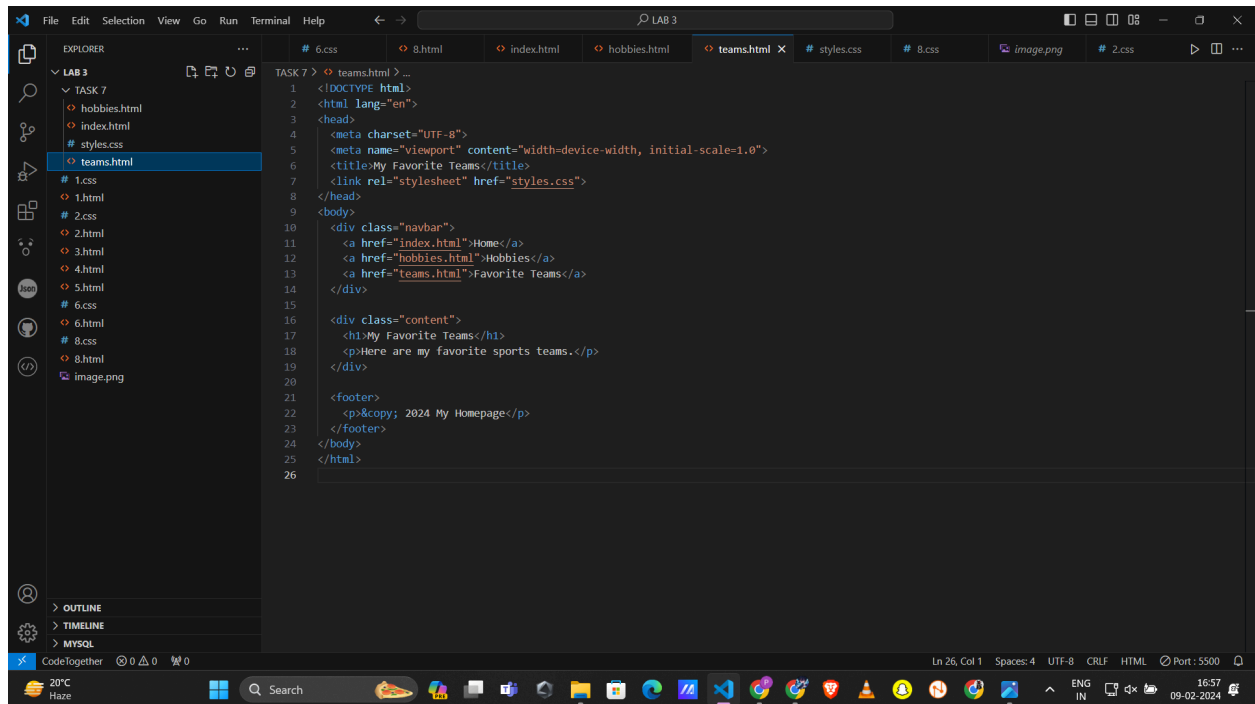
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This screenshot shows the Visual Studio Code editor with the 'styles.css' file open. The Explorer sidebar on the left shows a project named 'LAB 3' with files 'hobbies.html', 'index.html', 'styles.css', and 'teams.html'. The main editor area displays the following CSS code:

```
1 body {  
2   margin: 0;  
3   font-family: Arial, sans-serif;  
4 }  
5  
6 .navbar {  
7   position: fixed;  
8   top: 0;  
9   left: 0;  
10  width: 100%;  
11  background-color: #f3f3f3;  
12  padding: 10px 20px;  
13  box-sizing: border-box;  
14 }  
15  
16 .navbar a {  
17   color: white;  
18   text-decoration: none;  
19   margin-right: 20px;  
20 }  
21  
22 .content {  
23   margin-top: 50px;  
24   display: flex;  
25   justify-content: space-between;  
26   padding: 20px;  
27 }  
28  
29 .main-column {  
30   flex: 2;  
31 }  
32  
33 .side-column {  
34   flex: 1;  
35 }  
36  
37 footer {  
38   background-color: #f3f3f3;  
39   color: white;  
40   text-align: center;  
41   padding: 10px 0;  
42   position: fixed;  
43   bottom: 0;  
44   width: 100%;  
45 }  
46
```

The status bar at the bottom indicates 'Ln 9, Col 13', 'Spaces: 4', 'UTF-8', 'CRLF', 'CSS', and 'Port: 5500'.



This screenshot shows the Visual Studio Code editor with the 'teams.html' file open. The Explorer sidebar on the left shows the same project structure as the previous screenshot. The main editor area displays the following HTML code:

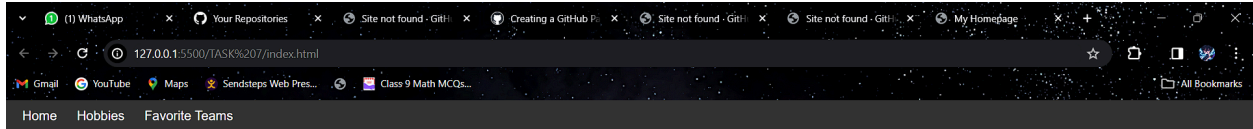
```
1 <!DOCTYPE html>  
2 <html lang="en">  
3 <head>  
4   <meta charset="UTF-8">  
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">  
6   <title>My Favorite Teams</title>  
7   <link rel="stylesheet" href="styles.css">  
8 </head>  
9 <body>  
10  <div class="navbar">  
11    <a href="index.html">Home</a>  
12    <a href="hobbies.html">Hobbies</a>  
13    <a href="teams.html">Favorite Teams</a>  
14  </div>  
15  
16  <div class="content">  
17    <h1>My Favorite Teams</h1>  
18    <p>Here are my favorite sports teams.</p>  
19  </div>  
20  
21  <footer>  
22    <p>&copy; 2024 My Homepage</p>  
23  </footer>  
24 </body>  
25 </html>  
26
```

The status bar at the bottom indicates 'Ln 26, Col 1', 'Spaces: 4', 'UTF-8', 'CRLF', 'HTML', and 'Port: 5500'.



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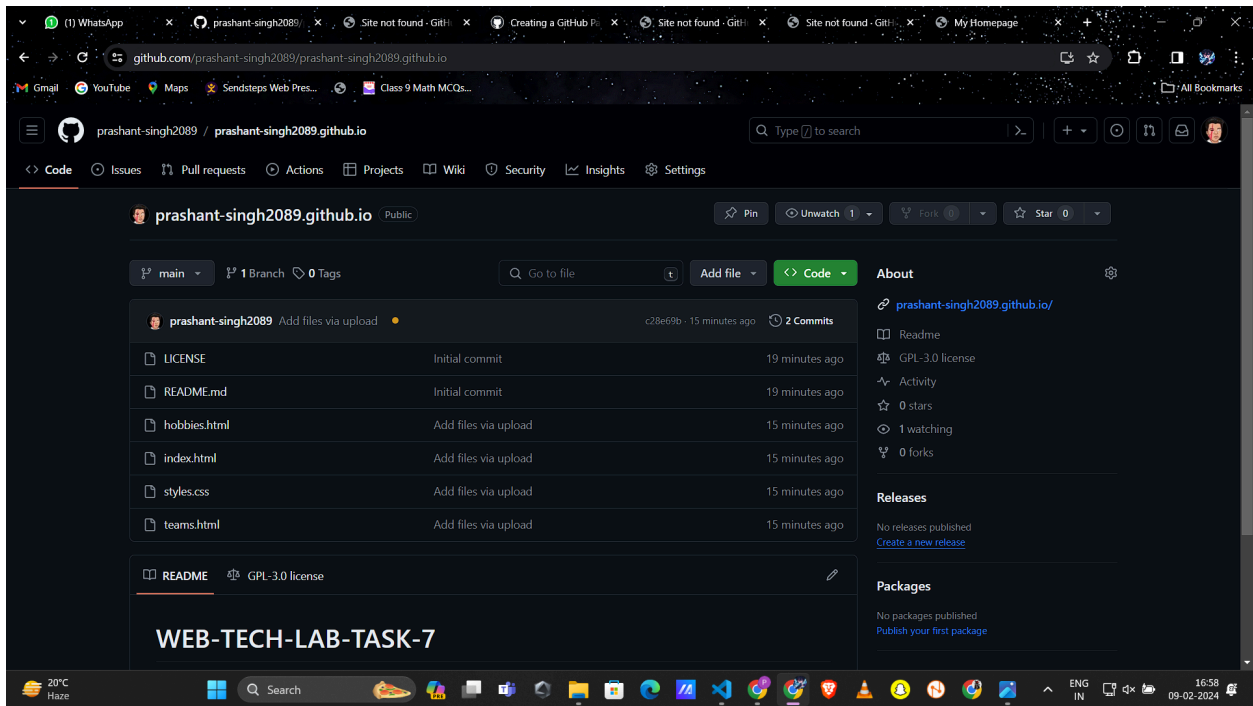
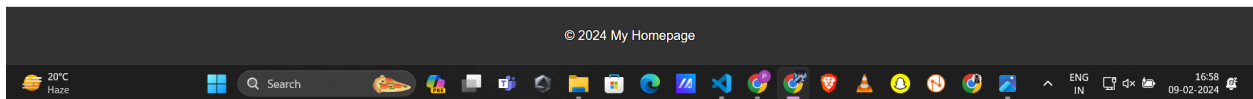


## Welcome to My Homepage

This is the main content of my homepage.

## About Me

Some information about myself.



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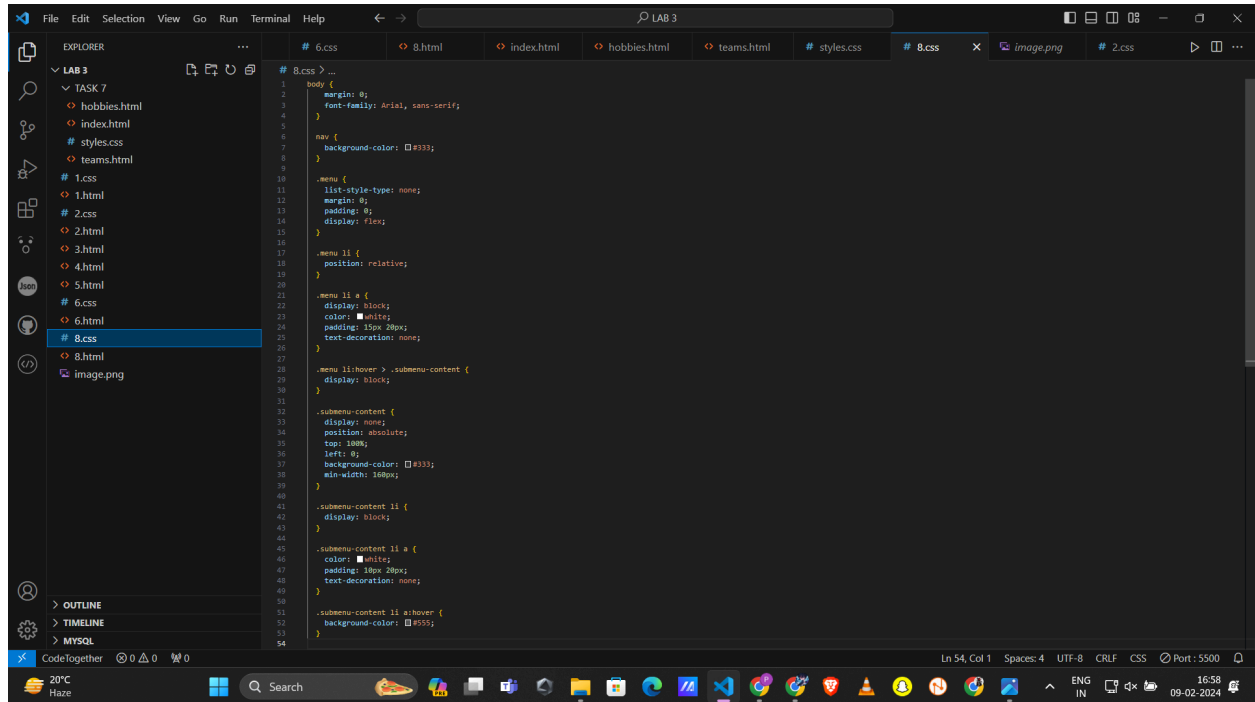
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## TASK-08

```
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   <title>Horizontal Dropdown Menu</title>
7   <link rel="stylesheet" href="8.css">
8 </head>
9 <body>
10  <nav>
11    <ul class="menu">
12      <li><a href="#">Home</a></li>
13      <li><a href="#">About</a></li>
14      <li class="submenu">
15        <a href="#">Services</a>
16        <ul class="submenu-content">
17          <li><a href="#">Service 1</a></li>
18          <li><a href="#">Service 2</a></li>
19          <li><a href="#">Service 3</a></li>
20        </ul>
21      </li>
22      <li class="submenu">
23        <a href="#">Products</a>
24        <ul class="submenu-content">
25          <li><a href="#">Product 1</a></li>
26          <li><a href="#">Product 2</a></li>
27          <li><a href="#">Product 3</a></li>
28        </ul>
29      </li>
30      <li><a href="#">Contact</a></li>
31    </ul>
32  </nav>
33 </body>
34 </html>
35
```

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The screenshot shows the Visual Studio Code editor with a project named 'LAB 3'. The Explorer sidebar on the left lists files: TASK 7, hobbies.html, index.html, styles.css, teams.html, 1.css, 1.html, 2.css, 2.html, 3.html, 4.html, 5.html, 6.css, 6.html, 8.css, 8.html, and image.png. The 8.css file is selected and open in the editor. The code defines a navigation menu with a dropdown sub-menu. The CSS rules are as follows:

```
1 body {  
2     margin: 0;  
3     font-family: Arial, sans-serif;  
4 }  
5  
6 nav {  
7     background-color: #333;  
8 }  
9  
10 .menu {  
11     list-style-type: none;  
12     margin: 0;  
13     padding: 0;  
14     display: flex;  
15 }  
16  
17 .menu li {  
18     position: relative;  
19 }  
20  
21 .menu li a {  
22     display: block;  
23     color: white;  
24     padding: 15px 20px;  
25     text-decoration: none;  
26 }  
27  
28 .menu li:hover > .submenu-content {  
29     display: block;  
30 }  
31  
32 .submenu-content {  
33     display: none;  
34     position: absolute;  
35     top: 100%;  
36     left: 0;  
37     background-color: #333;  
38     min-width: 160px;  
39 }  
40  
41 .submenu-content li {  
42     display: block;  
43 }  
44  
45 .submenu-content li a {  
46     color: white;  
47     padding: 10px 20px;  
48     text-decoration: none;  
49 }  
50  
51 .submenu-content li a:hover {  
52     background-color: #555;  
53 }  
54
```

