

LAB-2

Subject: Web Technology

T1:

The image displays a web development project in two parts. The top part shows the HTML code in a code editor, and the bottom part shows the rendered web page in a browser.

HTML Code (index.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   <title>About Me</title>
7   <style>
8     body {
9       font-family: Arial, sans-serif;
10      margin: 0;
11      padding: 0;
12      line-height: 1.6;
13    }
14    header {
15      background-color: #361f1f;
16      color: #fff;
17      text-align: center;
18      padding: 20px;
19    }
20    main {
21      padding: 20px;
22    }
23    h1, h2, h3 {
24      color: #333;
25    }
26  </style>
27 </head>
28 <body>
29   <header>
30     <h1>About Me</h1>
31   </header>
32   <strong> B.tech</strong> - RGIPIT, <br>
33   </p>
34   </section>
35   <section>
36     <h2>Interests</h2>
37     <h3>Hobbies</h3>
38     <p>
39       In my free time, I enjoy cricket and watching movie . It helps me relax and
40       enhances my creativity.
41     </p>
42     <h3>Skills</h3>
43     <p>
44       I have developed skills in web development, which have proven beneficial
45       in both my personal and professional life.
46     </p>
47   </section>
48 </main>
49 </body>
50 </html>
```

Rendered Web Page:

The browser shows the rendered output of the HTML code. The page has a dark blue header with the title "About Me". The main content area is white and contains the following sections:

- Introduction**
Hello, my name is RITU RAJ. I am passionate about WEB TECHNOLOGY.
- Education**
B.tech - RGIPIT,
- Interests**
- Hobbies**
In my free time, I enjoy cricket and watching movie . It helps me relax and enhances my creativity.
- Skills**
I have developed skills in web development, which have proven beneficial in both my personal and professional life.

T2:

```
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>Donal J Trump</title>
7 </head>
8 <body>
9   <header>
10    <h1>Donald John Trump</h1>
11  </header>
12  <p></p>
13  <p> Donald John Trump is an American politician, media personality, and businessman who served as the 45th
14    president of the United States from 2017 to 2021. Trump received a Bachelor of Science in economics from
    the University of Pennsylvania in 1968, and his father named him president of his real estate business in
    1971</p>
15 </body>
16 </html>
```

Donald John Trump



Donald John Trump is an American politician, media personality, and businessman who served as the 45th president of the United States from 2017 to 2021. Trump received a Bachelor of Science in economics from the University of Pennsylvania in 1968, and his father named him president of his real estate business in 1971

T3:

```

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>Assignment2</title>
7  </head>
8  <body>
9      <ol type="I">
10         <li>India</li>
11         <ol type="i">
12             <li>Hindi</li>
13             <li>English</li>
14         </ol>
15         <li>Japan</li>
16         <ol type="i">
17             <li>Hiragana</li>
18             <li>Kanji</li>
19         </ol>
20         <li>Portugal</li>
21         <ol type="i">
22             <li>Portugese</li>
23             <li>Spanish</li>
24         </ol>
25     </ol>
26 </body>
27 </html>

```

- I. India
 - i. Hindi
 - ii. English
- II. Japan
 - i. Hiragana
 - ii. Kanji
- III. Portugal
 - i. Portugese
 - ii. Spanish

T4:

```

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>Assigement2</title>
7  </head>
8  <body>
9      <table>
10         <head>
11             <tr>
12                 <th>Column1</th>
13                 <th>Column2</th>
14             </tr>
15         </head>
16         <tbody>
17             <td>
18                 <tr>
19                     <td>India</td>
20                     <td>New Delhi</td>
21                 </tr>
22                 <tr>
23                     <td>Japan</td>
24                     <td>Tokyo</td>
25                 </tr>
26                 <tr>
27                     <td>South Korea</td>
28                     <td>Seoul</td>
29                 </tr>
30                 <tr>
31                     <td>Germany</td>
32                     <td>Beerlin</td>
33                     ..
34                     <td>Tokyo</td>
35                 </tr>
36                 <tr>
37                     <td>South Korea</td>
38                     <td>Seoul</td>
39                 </tr>
40                 <tr>
41                     <td>Germany</td>
42                     <td>Beerlin</td>
43                 </tr>
44                 <tr>
45                     <td>Russia</td>
46                     <td>|</td>
47                 </tr>
48             </td>
49         </tbody>
50     </table>
51 </body>
52 </html>

```

Column1	Column2
India	New Delhi
Japan	Tokyo
South Korea	Seoul
Germany	Beerlin
Russia	

T5:

```

1  <!DOCTYPE html>
2  <html>
3
4  <head>
5      <title>NEW Table</title>
6      <style>
7          table {
8              border-collapse: collapse;
9              width: 50%;
10         }
11
12         th, td {
13             border: 1px solid black;
14             padding: 8px;
15             text-align: left;
16         }
17     </style>
18 </head>
19
20 <body>
21
22     <table>
23         <tr>
24             <th>Country</th>
25             <th>Politicians</th>
26         </tr>
27         <tr>
28             <td rowspan="2">Turkmenistan</td>
29             <td>President Gurbanguly Berdimuhamedow</td>
30         </tr>
31         <tr>
32             <td>Vice-President Raşit Meredow</td>
33
34         </tr>
35         <tr>
36             <td>Eritrea</td>
37             <td>President Isaias Afwerki</td>
38         </tr>
39         <tr>
40             <td></td>
41             <td>Vice-President None</td>
42         </tr>
43     </table>
44 </body>
45
46 </html>
47

```

Country	Politicians
Turkmenistan	President Gurbanguly Berdimuhamedow
	Vice-President Raşit Meredow
Eritrea	President Isaias Afwerki
	Vice-President None

T6:

```

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>Favorite Websites</title>
7    <style>
8      body {
9        font-family: Arial, sans-serif;
10       margin: 0;
11       padding: 0;
12       line-height: 1.6;
13     }
14     header {
15       background-color: #333;
16       color: #fff;
17       text-align: center;
18       padding: 10px;
19     }
20     main {
21       padding: 20px;
22       text-align: center;
23     }
24     a {
25       display: block;
26       margin-bottom: 10px;
27       color: #007bff;
28       text-decoration: none;
29     }
30     a:hover {
31       text-decoration: underline;
32     }
33   </style>
34 </head>
35 <body>
36
37   <header>
38     <h1>My Favorite Websites</h1>
39   </header>
40
41   <main>
42     <a href="https://www.google.com" target="_blank">Favorite Website 1</a>
43     <a href="https://www.meta.com" target="_blank">Favorite Website 2</a>
44     <a href="https://www.instagram.com" target="_blank">Favorite Website 3</a>
45     <a href="https://www.snapchat.com" target="_blank">Favorite Website 4</a>
46   </main>
47
48 </body>
49 </html>

```

My Favorite Websites

[Favorite Website 1](#)

[Favorite Website 2](#)

[Favorite Website 3](#)

[Favorite Website 4](#)

T7:

```
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>Jump to Top</title>
7      <style>
8          body {
9              font-family: Arial, sans-serif;
10             margin: 0;
11             padding: 0;
12             line-height: 1.6;
13         }
14         header {
15             background-color: #333;
16             color: #fff;
17             text-align: center;
18             padding: 10px;
19         }
20         main {
21             padding: 20px;
22         }
23         footer {
24             background-color: #333;
25             color: #fff;
26             text-align: center;
27             padding: 10px;
28             position: fixed;
29             bottom: 0;
30             width: 100%;
31         }
32         a {
```

```

32     a {
33         color: #007bff;
34         text-decoration: none;
35     }
36     a:hover {
37         text-decoration: underline;
38     }
39 </style>
40 </head>
41 <body>
42
43     <header>
44         <h1>Jump to Top Example</h1>
45     </header>
46
47     <main>
48
49         <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. ...</p>
50
51     </main>
52
53     <footer>
54         <p><a href="#top">Jump to Top</a></p>
55     </footer>
56
57     <a id="top"></a>
58
59
60 </body>
61 </html>

```

Jump to Top Example

Lorem ipsum dolor sit amet, consectetur adipiscing elit. ...

[Jump to Top](#)

T8:


```

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>Jumping Links</title>
7      <style>
8          body {
9              font-family: Arial, sans-serif;
10             margin: 0;
11             padding: 0;
12             line-height: 1.6;
13         }
14         header {
15             background-color: #333;
16             color: #fff;
17             text-align: center;
18             padding: 10px;
19         }
20         main {
21             padding: 20px;
22         }
23         footer {
24             background-color: #333;
25             color: #fff;
26             text-align: center;
27             padding: 10px;
28         }
29         a {
30             color: #007bff;
31             text-decoration: none;
32         }

```

```

32     }
33     a:hover {
34         text-decoration: underline;
35     }
36 </style>
37 </head>
38 <body>
39
40     <header>
41         <h1>Jumping Links Example</h1>
42         <p><a href="#bottom">Jump to Bottom</a></p>
43     </header>
44
45     <main>
46         <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. ...</p>
47     </main>
48
49     <footer id="bottom">
50         <p><a href="#top">Jump to Top</a></p>
51     </footer>
52
53 </body>
54 </html>

```

Jumping Links Example

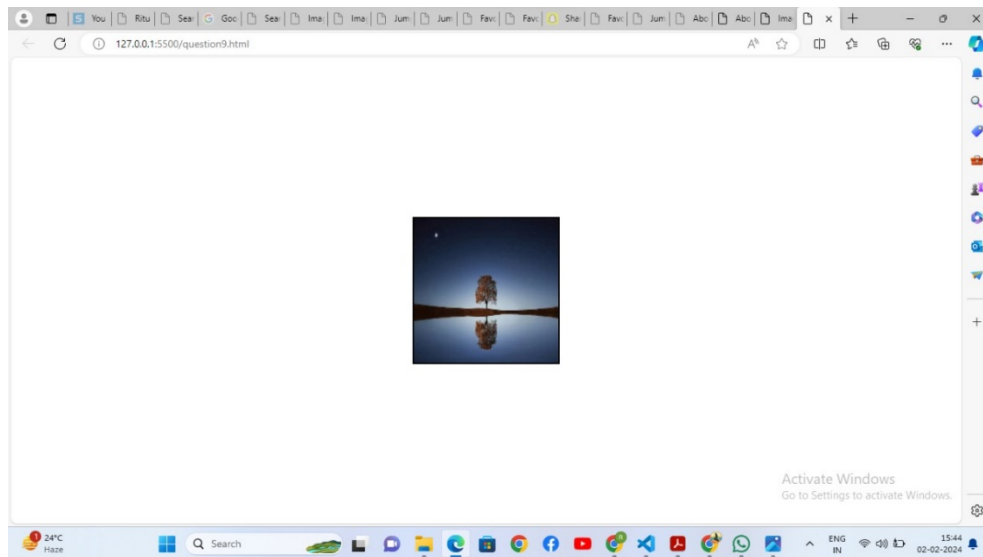
[Jump to Bottom](#)

Lorem ipsum dolor sit amet, consectetur adipiscing elit. ...

[Jump to Top](#)

T9:

```
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>Image with Border</title>
7      <style>
8          body {
9              display: flex;
10             justify-content: center;
11             align-items: center;
12             height: 100vh;
13             margin: 0;
14         }
15         img {
16             border: 2px solid #000; /* Border size and color */
17             width: 200px;
18             height: 200px;
19         }
20     </style>
21 </head>
22 <body>
23     
24 </body>
25 </html>
```



T10:

```

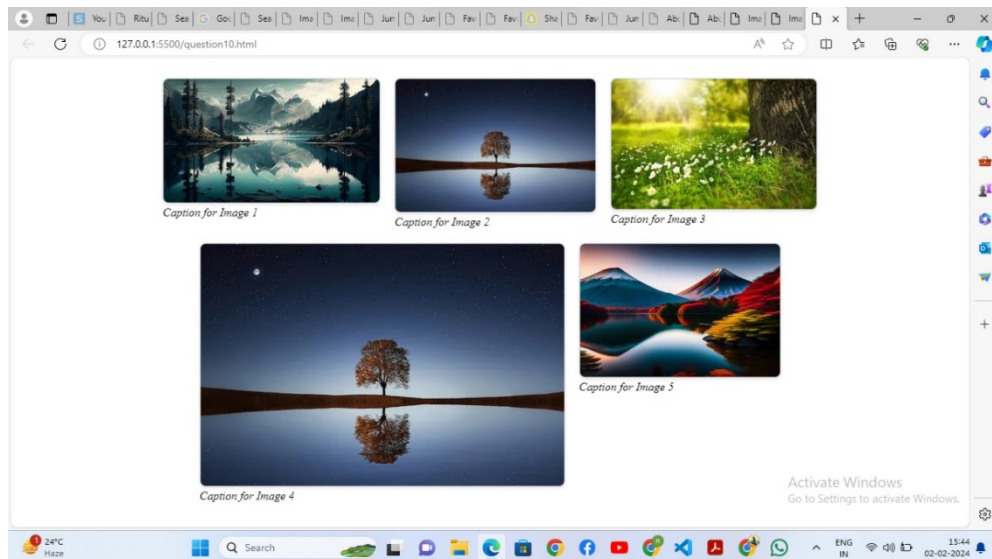
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <title>Image Gallery</title>
7    <style>
8      body {
9        display: flex;
10       flex-wrap: wrap;
11       justify-content: center;
12       gap: 20px;
13       padding: 20px;
14     }
15     img {
16       max-width: 100%;
17       height: auto;
18       border: 1px solid #ccc;
19       border-radius: 8px;
20       box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
21     }
22     .caption {
23       text-align: center;
24       margin-top: 5px;
25       font-style: italic;
26     }
27   </style>
28 </head>
29 <body>
30   <div>
31     
32     <br>

```

```

32     <br>
33     <span class="caption">Caption for Image 1</span>
34   </div>
35
36   <div>
37     
38     <br>
39     <span class="caption">Caption for Image 2</span>
40   </div>
41
42   <div>
43     
44     <br>
45     <span class="caption">Caption for Image 3</span>
46   </div>
47
48   <div>
49     
50     <br>
51     <span class="caption">Caption for Image 4</span>
52   </div>
53
54   <div>
55     
56     <br>
57     <span class="caption">Caption for Image 5</span>
58   </div>
59 </body>
60 </html>

```



T11:

```

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>Search Engine Link</title>
7    <style>
8      body {
9        display: flex;
10       justify-content: center;
11       align-items: center;
12       height: 100vh;
13       margin: 0;
14     }
15     #search-image {
16       cursor: pointer;
17     }
18   </style>
19 </head>
20 <body>
21   <a href="https://www.google.com" target="_blank">
22     
23   </a>
24 </body>
25 </html>

```

