Web Technology

Lab2

Name-Krishanu Mishra

Roll No-22IT3020

Q.1

Q.2

Q.3

```
 3    <head>
 4        <meta charset="UTF-8">
 5        <meta name="viewport" content="width=device-width, initial-sca
 6        <title>Ordered List with Roman Numerals</title>
 7    </head>
 8    <body>
 9        <ol type="I">
10            <li>
11                Japan
12                <ol type="i">
13                    <li>English</li>
14                    <li>Japanese</li>
15                </ol>
16            </li>
17            <li>
18                India
19                <ol type="i">
20                    <li>Hindi</li>
21                    <li>English</li>
22                </ol>
23            </li>
24            <li>
25                Switzerland
26                <ol type="i">
27                    <li>German</li>
28                    <li>French</li>
29                </ol>
30            </li>
31        </ol>
```
```
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```

I. Japan
    i. English
    ii. Japanese
II. India
    i. Hindi
    ii. English
III. Switzerland
    i. German
    ii. French

Q.4

```
 9        width: 100%;
10        border-collapse: collapse;
11    }
12    th, td {
13        border: 1px solid ☐black;
14        padding: 8px;
15        text-align: left;
16    }
17    </style>
18    </head>
19    <body>
20
21    <table>
22    <thead>
23    <tr>
24    <th>Country</th>
25    <th>Capital</th>
26    </tr>
27    </thead>
28    <tbody>
29    <tr>
30    <td>
31        <ul>
32            <li>Australia</li>
33            <li>United Kingdom</li>
34            <li>India</li>
35            <li>Japan</li>
36            <li>Brazil</li>
37        </ul>
```
```
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```

Country	Capital
• Australia • United Kingdom • India • Japan • Brazil	1. Canberra 2. London 3. New Delhi 4. Tokyo 5. Brasilia

Q.5

```
20
21        <h1>Country Politicians</h1>
22
23        <table>
24            <thead>
25                <tr>
26                    <th colspan="2">Country Politicians</th>
27                </tr>
28            </thead>
29            <tbody>
30                <tr>
31                    <td>Turkmenistan</td>
32                    <td rowspan="2">President Gurbanguly Berdimuhamedow</t
33                </tr>
34                <tr>
35                    <td>Vice-President</td>
36                </tr>
37                <tr>
38                    <td>Eritrea</td>
39                    <td>President Isaias Afwerki</td>
40                    <td rowspan="2">Vice-President None</td>
41                </tr>
42            </tbody>
43        </table>
44
45    </body>
46  </html>
47
```

`Ln 47, Col 1    Spaces: 4    UTF-8    CRLF    HTML    Go`

Country Politicians

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

Q.6

```
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
6       <title>My Favorite Websites</title>
7   </head>
8   <body>
9
10      <h1>My Favorite Websites</h1>
11
12      <ul>
13          <li><a href="https://www.example1.com" target="_blank">Favorit
14          <li><a href="https://www.example2.com" target="_blank">Favorit
15          <li><a href="https://www.example3.com" target="_blank">Favorit
16          <li><a href="https://www.example4.com" target="_blank">Favorit
```

`PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS    Filter (e.g. text, !exclude)`

`Ln 21, Col 1    Spaces: 4    UTF-8    CRLF    HTML    Go`

My Favorite Websites

- Favorite Website 1
- Favorite Website 2
- Favorite Website 3
- Favorite Website 4

Q.7

```html
</head>
<body>

    <div class="content">
        <!-- Content of the webpage goes here -->
        <h1>Scroll Down</h1>
        <p>Scroll down to see more content...</p>
    </div>

    <a href="#" class="back-to-top" id="backToTop">Back to Top</a>

    <script>
        window.onscroll = function() {scrollFunction()};

        function scrollFunction() {
            var backToTopBtn = document.getElementById("backToTop");
            if (document.body.scrollTop > 20 || document.documentEleme
                backToTopBtn.classList.add("show");
            } else {
                backToTopBtn.classList.remove("show");
            }
        }

        function topFunction() {
            document.body.scrollTop = 0; // For Safari
            document.documentElement.scrollTop = 0; // For Chrome, Fir
        }

        document.getElementById("backToTop").addEventListener("click",
    </script>
```

Ln 54, Col 10   Spaces: 4   UTF-8   CRLF   HTML

Scroll Down

Scroll down to see more content...

Back to Top

Q.8

```html
        }
        .bottom-link {
            position: fixed;
            bottom: 20px;
            right: 20px;
            background-color: #007bff;
            color: white;
            padding: 10px 20px;
            text-decoration: none;
            border-radius: 5px;
        }
    </style>
</head>
<body>

    <a href="#bottom" class="top-link">Jump to Bottom</a>

    <div class="content">
        <!-- Content of the webpage goes here -->
        <h1>Scroll Down</h1>
        <p>Scroll down to see more content...</p>
    </div>

    <a href="#" class="bottom-link" id="bottom">Back to Top</a>

</body>
</html>
```

Ln 54, Col 1   Spaces: 4   UTF-8   CRLF   HTML

Jump to Bottom

Scroll Down

Scroll down to see more content...

Back to Top

Q.9

```
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       /* Style for the image */
9       img {
10          width: 200px;
11          height: 200px;
12          border: 2px solid □black; /* Border size and color */
13      }
14  </style>
15  </head>
16  <body>
17
18  <!-- Image with border -->
19  <img src="C:\Users\Anupam Kumar Nema\Desktop\web\5.jpeg" alt="Sampl
20
21  </body>
22  </html>
23
```


Q.10

```
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>Images with Captions</title>
7   <style>
8       /* Style for image container */
9       .image-container {
10          margin-bottom: 20px;
11      }
12      /* Style for image caption */
13      .caption {
14          text-align: center;
15          font-style: italic;
16      }
17  </style>
18  </head>
19  <body>
20
21  <!-- Image 1 with caption -->
22  <div class="image-container">
23      <img src="C:\Users\Anupam Kumar Nema\Desktop\web\8.jpeg" alt="I
24      <p class="caption">Caption for Image 1</p>
25  </div>
26  <br><br>
27
28  <!-- Image 2 with caption -->
29  <div class="image-container">
```

Q.11

```
 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  </head>
 8  <body>
 9
10  <!-- Image linked to search engine -->
11  <a href="your_search_engine_url" target="_blank"> <!-- Replace your_se
12      <img src="C:\Users\Anupam Kumar Nema\Desktop\web\download (1).jpeg"
13  </a>
14
15  </body>
16  </html>
17
```


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