WEB TECHNOLOGY LAB-2
NAME-LAVANYA SINGH
ROLL NO.-22IT3023

Answer-1

```html
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>About Me</title>
   <style>
      body {
         font-family: 'Arial', sans-serif;
         max-width: 800px;
         margin: 0 auto;
         padding: 20px;
      }
      h1 {
         color: #333;
      }
      h2 {
         color: #555;
      }
      h3 {
         color: #777;
      }
   </style>
</head>
<body>
   <header>
      <h1>About Me</h1>
   </header>
   <section>
      <h2>Introduction</h2>
      <p>
         Hello there! My name is Lavanya Singh, and I'm thrilled to share a little about myself with you. I am passionate
         about learning artificial intelligence, and I love to communicate with new people.
      </p>
   </section>

   <section>
      <h2>Professional Background</h2>
      <p>
         In terms of my professional journey, I am currently pursuing BTech in IT from RGIPT. </p>
   </section>
<section>
      <h2>Interests and Hobbies</h2>      <p>
         Beyond the professional realm, I enjoy watching movies. I find joy in exploring new things and continuously learning.
      </p>
   </section>
</body>
</html>
```

About Me

Introduction

Hello there! My name is Lavanya Singh, and I'm thrilled to share a little about myself with you. I am passionate about learning artificial intelligence, and I love to communicate with new people.

Professional Background

In terms of my professional journey, I am currently pursuing BTech in IT from RGIPT.

Interests and Hobbies

Beyond the professional realm, I enjoy watching movies. I find joy in exploring new things and continuously learning.

Answer-2

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Image Page</title>
    <style>
        body {
            font-family: 'Arial', sans-serif;
            max-width: 800px;
            margin: 0 auto;
            padding: 20px;
        }

        h1 {
            color: #333;
        }

        img {
            max-width: 100%;
            height: auto;
            margin-top: 10px;
        }
    </style>
</head>

<body>

    <header>
        <h1>Exploring Nature</h1>
    </header>

    <section>
        <img src="C:\Users\singh\OneDrive\Desktop/india.jpg" alt="Nature Image">
        <p>
            This captivating image captures the beauty of nature in its purest form. The lush greenery, the vibrant colors,
            and the serene atmosphere make it a perfect representation of tranquility. Whether you're an avid nature lover or
            someone seeking a moment of peace, this image is sure to evoke a sense of awe and appreciation for the world
            around us.
        </p>
    </section>

</body>

</html>
```

Exploring Nature

This captivating image captures the beauty of nature in its purest form. The lush greenery, the vibrant colors, and the serene atmosphere make it a perfect representation of tranquility. Whether you're an avid nature lover or someone seeking a moment of peace, this image is sure to evoke a sense of awe and appreciation for the world around us.

Answer-3

```html
<!DOCTYPE html><html lang="en">
<head><meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Countries and Languages</title>
    <style>body {
        font-family: 'Arial', sans-serif;
        max-width: 800px;
        margin: 0 auto;
        padding: 20px;        }h1 {
        color: #333;
    }ol {
        list-style-type: upper-roman;
        margin-top: 10px;}ol ol {
        list-style-type: lower-roman;
        margin-top: 5px;
        margin-bottom: 10px;    }
    </style>
</head>
<body>
    <header>
        <h1>Countries and Languages</h1>
    </header>
    <section>
        <ol>
            <li>United States
                <ol>
                    <li>English</li>
                    <li>Spanish</li>
                </ol>
            </li>
            <li>France
                <ol>
                    <li>French</li>
                    <li>German</li>
                </ol>
            </li>
            <li>Japan
                <ol>
                    <li>Japanese</li>
                    <li>English</li>
                </ol>
            </li>
        </ol>
    </section>
</body>
</html>
```

Countries and Languages

I. United States
    i. English
    ii. Spanish

II. France
    i. French
    ii. German

III. Japan
    i. Japanese
    ii. English

Answer-4

```html
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Countries and Capitals</title>
   <style>
      body {
         font-family: 'Arial', sans-serif;
         max-width: 800px;
         margin: 0 auto;
         padding: 20px;       }
      h1 {
         color: #333;   }
      table {
         width: 100%;
         border-collapse: collapse;
         margin-top: 10px, }th, td {
         border: 1px solid #ddd;
         padding: 8px;
         text-align: left;
      } th {
         background-color: #f2f2f2;}
   </style>
</head>
<body> <header>
      <h1>Countries and Capitals</h1>
   </header>    <table>      <tr>
         <th>Country</th>
         <th>Capital</th>
      </tr><tr> <td>
         <ul>          <li>United States</li>
            <li>France</li>
            <li>Japan</li>
            <li>Australia</li>
            <li>Brazil</li>
         </ul>
      </td>     <td><ol>
            <li>Washington, D.C.</li>
            <li>Paris</li>
            <li>Tokyo</li>
            <li>Canberra</li>
            <li>Brasilia</li>
         </ol>
      </td>
   </tr>   </table>
</body>
</html>
```

Countries and Capitals

Country	Capital
• United States • France • Japan • Australia • Brazil	1. Washington, D.C. 2. Paris 3. Tokyo 4. Canberra 5. Brasília

Answer-5

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Country Politicians</title>
    <style>
        body {
            font-family: 'Arial', sans-serif;
            max-width: 600px;
            margin: 0 auto;
            padding: 20px;
        }
        h1 {
            color: #333;
        }
        table {width: 100%;  border-collapse: collapse;margin-top: 10px;
        }
        th, td {        border: 1px solid #ddd;
            padding: 8px;
            text-align: left;}
th {
            background-color: #f2f2f2;
        }
    </style>
</head>
<body>
    <header>
        <h1>Country Politicians</h1>
    </header>
    <table>
        <tr>
            <th>Country</th>
            <th>Politicians</th>
        </tr>
        <tr>  <td>Turkmenistan</td>
            <td>
                <ul>    <li>President Gurbanguly Berdimuhamedow</li>
                    <li>Vice-President Raşit Meredow</li>
                </ul>   </td>
        </tr>
        <tr>   <td>Eritrea</td>
            <td>
                <ul>   <li>President Isaias Afwerki</li>
                    <li>Vice-President None</li>
                </ul>
            </td>
        </tr>   </table></body></html>
```

Country Politicians

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

Answer-6

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>My Favorite Websites</title>
    <style>
        body {
            font-family: 'Arial', sans-serif;
            max-width: 600px;
            margin: 0 auto;
            padding: 20px;
        }

        h1 {
            color: #333;
        }

        ul {
            list-style: none;
            padding: 0;
        }

        li {
            margin-bottom: 10px;
        }

        a {
            text-decoration: none;
            color: #0066cc;
        }

        a:hover {
            text-decoration: underline;  }
    </style>
</head>
<body>
    <header>
        <h1>My Favorite Websites</h1>
    </header>
    <ul>
        <li><a href="https://www.amazon.in" target="_blank">Favorite Website 1</a></li>
        <li><a href="https://www.sciencehistory.org" target="_blank">Favorite Website 2</a></li>
        <li><a href="https://www.youtube.com" target="_blank">Favorite Website 3</a></li>
        <li><a href="https://www.wikipedia.org" target="_blank">Favorite Website 4</a></li>
    </ul>
</body>
</html>
```

My Favorite Websites

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

Answer-7

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Scroll to Top</title>
    <style>
        body {
            font-family: 'Arial', sans-serif;
            max-width: 600px;
            margin: 0 auto;
            padding: 20px;
        }
    h1 {
            color: #333;       }
    #topButton {
            display: none;
            position: fixed;
            bottom: 20px;
            right: 20px;
            background-color: #0066cc;
            color: #fff;
            padding: 10px;
            border: none;
            border-radius: 5px;
            cursor: pointer;
        }#topButton:hover {
            background-color: #004080;}</style></head>
<body><header><h1>Scroll to Top</h1> </header><!-- Content goes here -->
    <!-- Scroll to Top Button -->
    <button id="topButton" onclick="scrollToTop()">Back to Top</button>  <script>
        // Function to scroll to the top of the page
        function scrollToTop() {
            document.body.scrollTop = 0; // For Safari
            document.documentElement.scrollTop = 0; // For Chrome, Firefox, IE, and Opera
        }// Display the "Back to Top" button when scrolling down
        window.onscroll = function () {
            toggleScrollToTopButton();
        };  function toggleScrollToTopButton() {
            var button = document.getElementById("topButton");
            if (document.body.scrollTop > 20 || document.documentElement.scrollTop > 20) {
                button.style.display = "block";
            } else {
                button.style.display = "none";}} </script></body></html>
```

Scroll to Top

Answer-8

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Scrolling Page</title>
    <style>
        body {
            font-family: 'Arial', sans-serif;
            max-width: 600px;
            margin: 0 auto;
            padding: 20px;
        }

        h1 {
            color: #333;
        }

        #topLink, #bottomLink {
            text-decoration: none;
            color: #0066cc;
            display: block;
            margin-top: 20px;
            margin-bottom: 20px;
            cursor: pointer;
        }

        #bottomLink {
            text-align: right;
        }
    </style>
</head>

<body>

    <header>
        <h1>Scrolling Page</h1>
    </header>

    <!-- Content goes here -->

    <!-- Link at the top to jump to the bottom -->
    <a id="topLink" onclick="scrollToBottom()">Jump to Bottom</a>

    <!-- Content goes here -->

    <!-- Link at the bottom to jump back to the top -->
    <a id="bottomLink" onclick="scrollToTop()">Back to Top</a>

    <script>
        // Function to scroll to the bottom of the page
        function scrollToBottom() {
            document.documentElement.scrollTop = document.documentElement.scrollHeight;
        }

        // Function to scroll to the top of the page
        function scrollToTop() {
```

Scrolling Page

Jump to Bottom

Back to Top

Answer-9

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Image with Border</title>
    <style>
        body {
            font-family: 'Arial', sans-serif;
            max-width: 600px;
            margin: 0 auto;
            padding: 20px;
        }

        h1 {
            color: #333;
        }

        img {
            border: 2px solid #333;
            width: 200px;
            height: 200px;
            display: block;
            margin: 20px auto;
        }
    </style>
</head>

<body>

    <header>
        <h1>Image with Border</h1>
    </header>

    <!-- Image with border -->
    <img src="path/to/your/image.jpg" alt="Image with Border">

</body>

</html>
```

Image with Border

Answer-10

```html
<!DOCTYPE html>
<html lang="en"><head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Image Gallery</title>
  <style>
    body {
      font-family: 'Arial', sans-serif;
      max-width: 800px;
      margin: 0 auto;
      padding: 20px;}h1 {
      color: #333;
    }    img {
      max-width: 100%;
      height: auto;
      display: block;
      margin: 20px 0;
    }p {      text-align: center;
      font-style: italic;
      color: #666;
    }
  </style>
</head><body>
<header>
    <h1>Image Gallery</h1>
  </header><!-- Image1 with caption-->
  <img src=""C:\Users\singh\OneDrive\Desktop\temple.jpg"" alt="Image 1">
  <p>TEMPLE
  <br><!-- Image 2 with caption -->
  <img src=""C:\Users\singh\OneDrive\Desktop\buddha.jpg"" alt="Image 2">
  <p>BUDDHA TEMPLE
  <br><!-- Image 3 with caption -->
  <img src=""C:\Users\singh\OneDrive\Desktop\gurudwara.jpg"" alt="Image 3">
  <p>GURUDWARA
  <br><!-- Image 4 with caption -->
  <img src=""C:\Users\singh\OneDrive\Desktop\mosque.jpg"" alt="Image 4">
  <p>MOSQUE
  <br><!-- Image 5 with caption -->
  <img src=""C:\Users\singh\OneDrive\Desktop\church.jpg"" alt="Image 5">
  <p>CHURCH

</body>

</html>
```
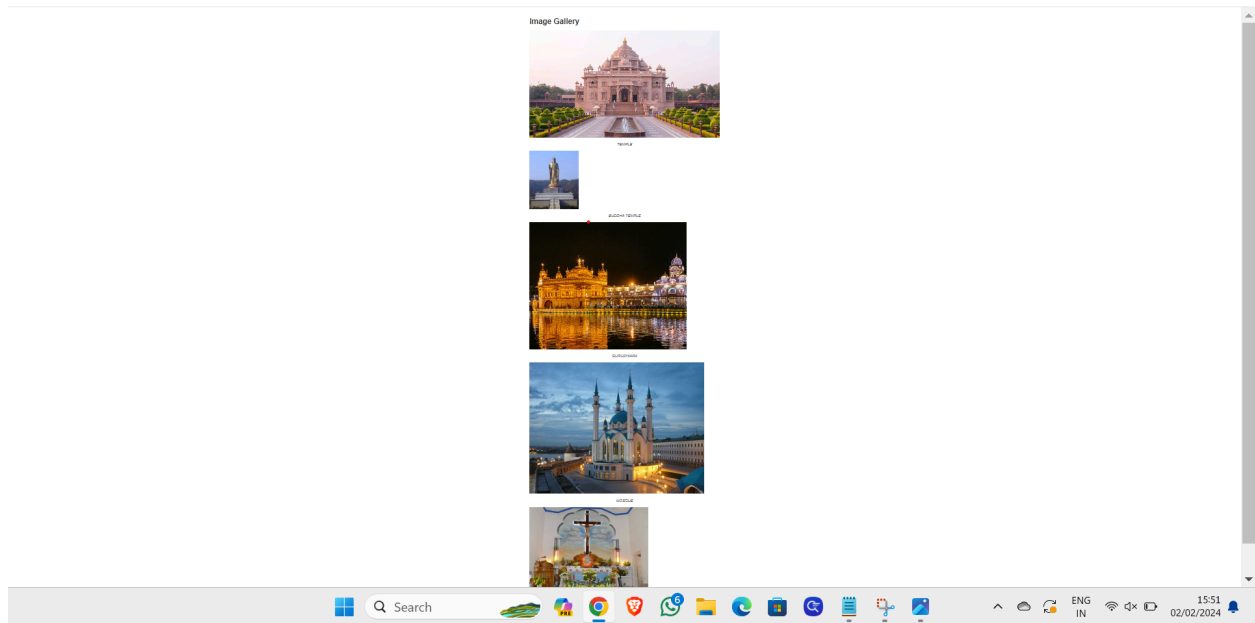
Ln 45, Col 1   1,341 characters   60%   Windows (CRLF)   UTF-8

Answer-11

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Search Engine Link</title>
    <style>
        body {
            font-family: 'Arial', sans-serif;
            max-width: 600px;
            margin: 0 auto;
            padding: 20px;
        }

        h1 {
            color: #333;
        }

        img {
            max-width: 100%;
            height: auto;
            display: block;
            margin: 20px 0;
            cursor: pointer;
        }
    </style>
</head>

<body>

    <header>
        <h1>Search Engine Link</h1>
    </header>

    <!-- Image linking to a search engine -->
    <a href="https://www.google.com" target="_blank">
        <img src="C:\Users\singh\OneDrive\Desktop\temple.jpg" alt="Search Engine Link">
    </a>

</body>

</html>
```

Search Engine Link