INDEX.HTML

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Web Application Demo</title>

<link rel="stylesheet" href="styles.css">

<!-- Link to Google Fonts or a custom font -->

<link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Roboto:wght@400;700&display=swap">

</head>

<body>

<header>

<h1>Web Application Demonstration</h1>

<nav>

<ul>

<li><a href="#text-formatting">Text Formatting</a></li>

<li><a href="#multimedia">Multimedia Elements</a></li>

<li><a href="#navigation">Navigation</a></li>

<li><a href="#form-controls">Form Controls</a></li>

<li><a href="#typography">Typography</a></li>

<li><a href="#tables">Tables</a></li>

</ul>

</nav>

</header>

<main>

<section id="text-formatting">

<h2>Text Formatting</h2>

<p><strong>Bold Text</strong></p>

<p><em>Italic Text</em></p>

<p><mark>Highlighted Text</mark></p>

<p><small>Small Text</small></p>

<p><del>Deleted Text</del></p>

<p><ins>Inserted Text</ins></p>

<p><abbr title="HyperText Markup Language">HTML</abbr></p>

<p><q>Blockquote</q></p>

<blockquote>

<p>This is a blockquote.</p>

</blockquote>

</section>

<section id="multimedia">

<h2>Multimedia Elements</h2>

<figure>

<img src="car.jpeg" alt="Placeholder Image">

<figcaption>Car Image</figcaption>

</figure>

<audio controls>

<source src="once-in-paris-168895.mp3" type="audio/mpeg">

Your browser does not support the audio element.

</audio>

<video width="600" controls>

<source src="bird.mp4" type="video/mp4">

Your browser does not support the video tag.

</video>

</section>

<section id="navigation">

<h2>Navigation Facility</h2>

<p><a href="#text-formatting">Go to Text Formatting Section</a></p>

<p><a href="#multimedia">Go to Multimedia Elements Section</a></p>

</section>

<section id="form-controls">

<h2>Form Controls</h2>

<form>

<label for="name">Name:</label>

<input type="text" id="name" name="name" required>

<label for="email">Email:</label>

<input type="email" id="email" name="email" required>

<label for="message">Message:</label>

<textarea id="message" name="message" rows="4" required></textarea>

<fieldset>

<legend>Gender:</legend>

<label for="male">

<input type="radio" id="male" name="gender" value="male">

Male

</label>

<label for="female">

<input type="radio" id="female" name="gender" value="female">

Female

</label>

</fieldset>

<label for="newsletter">

<input type="checkbox" id="newsletter" name="newsletter">

Subscribe to newsletter

</label>

<button type="submit">Submit</button>

</form>

</section>

<section id="typography">

<h2>Typography with Custom Font</h2>

<p class="custom-font">This paragraph uses a custom font: Roboto.</p>

</section>

<section id="tables">

<h2>Use of Tables</h2>

<table>

<caption>Sample Table</caption>

<thead>

<tr>

<th>Roll no</th>

<th>Stdid</th>

<th>Name</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>2023DSIT001</td>

<td>Aniket Golhait</td>

</tr>

<tr>

<td>2</td>

<td>2023DSIT002</td>

<td>Krish Patil</td>

</tr>

</tbody>

</table>

</section>

</main>

<footer>

<p>&copy;Web Application Demonstration Thank You!</p>

</footer>

</body>

</html>

STYLES.CSS

/\* Basic styling for body \*/

body {

font-family: 'Roboto', sans-serif;

line-height: 1.6;

margin: 0;

padding: 0;

background-color: #f4f4f4;

}

background-color: #333;

color: #fff;

padding: 1rem;

text-align: center;

}

nav ul {

list-style: none;

padding: 0;

}

nav ul li {

display: inline;

margin: 0 10px;

}

nav ul li a {

color: #fff;

text-decoration: none;

}

main {

padding: 1rem;

max-width: 800px;

margin: 0 auto;

background: #fff;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

h1, h2 {

color: #333;

}

form {

display: flex;

flex-direction: column;

}

form label {

margin-top: 0.5rem;

}

form input, form textarea {

padding: 0.5rem;

margin-top: 0.2rem;

border: 1px solid #ddd;

border-radius: 4px;

}

button {

margin-top: 1rem;

padding: 0.7rem;

border: none;

background: #333;

color: #fff;

border-radius: 4px;

cursor: pointer;

}

button:hover {

background: #555;

}

table {

width: 100%;

border-collapse: collapse;

margin-top: 1rem;

}

table, th, td {

border: 1px solid #ddd;

}

th, td {

padding: 0.5rem;

text-align: left;

}

thead {

background-color: #f4f4f4;

}

.custom-font {

font-family: 'Roboto', sans-serif;

}

OUTPUT :

 

