

Expt 11 - Create List, Frames, Forms, Multimedia using html tags

**Lists**:

* **Ordered List (<ol>)**: Displays items in a numbered format, each item being wrapped in an <li> (list item) tag.
* **Unordered List (<ul>)**: Displays items with bullet points, ideal for items without a specific order.
* **Definition List (<dl>)**: Contains terms (<dt>) and their descriptions (<dd>), used for glossaries or key-value pairs.

 **Frames**:

* **<iframe>**: Embeds another webpage or media into the current page. It allows displaying external content, such as another website or videos from platforms like YouTube. The src attribute specifies the URL of the page to embed.

 **Forms**:

* **<form>**: Collects user input and sends it to a server for processing. It can include elements like:
  + **<input>**: Used for various input types (text, email, radio, etc.).
  + **<textarea>**: Allows multi-line input, used for comments or long texts.
  + **<label>**: Describes the input fields for better accessibility.
  + **<button> or <input type="submit">**: Submits the form data.

 **Multimedia**:

* **<img>**: Embeds an image in the webpage. The src attribute defines the image URL, while alt provides alternative text if the image cannot be displayed.
* **<video>**: Embeds a video. It supports various formats, such as MP4. The controls attribute adds play, pause, and volume controls.
* **<audio>**: Embeds an audio file, similar to the video tag, with playback controls like play, pause, and volume.

Code :-

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>HTML Examples</title>

<style>

body {

font-family: Arial, sans-serif;

}

.container {

width: 80%;

margin: auto;

}

h2 {

color: #4CAF50;

}

iframe {

border: 2px solid #4CAF50;

}

</style>

</head>

<body>

<div class="container">

<h1>HTML Tags Example</h1>

<!-- Lists Section -->

<section>

<h2>Lists</h2>

<!-- Ordered List -->

<h3>Ordered List</h3>

<ol>

<li>HTML Basics</li>

<li>CSS Styling</li>

<li>JavaScript Programming</li>

</ol>

<!-- Unordered List -->

<h3>Unordered List</h3>

<ul>

<li>Responsive Design</li>

<li>Web Accessibility</li>

<li>SEO Best Practices</li>

</ul>

<!-- Definition List -->

<h3>Definition List</h3>

<dl>

<dt>HTML</dt>

<dd>HyperText Markup Language</dd>

<dt>CSS</dt>

<dd>Cascading Style Sheets</dd>

<dt>JavaScript</dt>

<dd>A programming language for web development</dd>

</dl>

</section>

<!-- Frames Section -->

<section>

<h2>Frames</h2>

<!-- Embedding content using an iframe -->

<iframe src="https://www.wikipedia.org" width="600" height="300" title="Wikipedia"></iframe>

</section>

<!-- Forms Section -->

<section>

<h2>Forms</h2>

<form action="/submit" method="post">

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

<input type="text" id="name" name="name" placeholder="Enter your name" required><br><br>

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

<input type="email" id="email" name="email" placeholder="Enter your email" required><br><br>

<label for="gender">Gender:</label><br>

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

<label for="male">Male</label><br>

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

<label for="female">Female</label><br><br>

<label for="comments">Comments:</label><br>

<textarea id="comments" name="comments" rows="4" cols="50" placeholder="Your comments..."></textarea><br><br>

<label for="color">Favorite Color:</label><br>

<input type="color" id="color" name="color"><br><br>

<input type="submit" value="Submit">

</form>

</section>

<!-- Multimedia Section -->

<section>

<h2>Multimedia</h2>

<!-- Embedding an Image -->

<h3>Image</h3>

<img src="https://via.placeholder.com/150" alt="Placeholder Image" width="150" height="150">

<!-- Embedding a Video -->

<h3>Video</h3>

<video width="400" controls>

<source src="https://www.w3schools.com/html/mov\_bbb.mp4" type="video/mp4">

Your browser does not support the video tag.

</video>

<!-- Embedding Audio -->

<h3>Audio</h3>

<audio controls>

<source src="https://www.w3schools.com/html/horse.mp3" type="audio/mpeg">

Your browser does not support the audio element.

</audio>

</section>

</div>

</body>

</html>