**HTML Cheat Sheet**

**1. Basic Structure**

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

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

<title>Document Title</title>

</head>

<body>

<h1>Hello World!</h1>

</body>

</html>

**2. HTML Elements**

* **Headings**: <h1> to <h6>
* **Paragraphs**: <p>
* **Links**: <a href="URL">Link Text</a>
* **Images**: <img src="image.jpg" alt="Description" />
* **Lists**:
  + **Ordered List**: <ol><li>Item 1</li></ol>
  + **Unordered List**: <ul><li>Item 1</li></ul>
* **Tables**:

<table>

<tr>

<th>Header 1</th>

<th>Header 2</th>

</tr>

<tr>

<td>Data 1</td>

<td>Data 2</td>

</tr>

</table>

**3. Forms**

* **Form Structure**:

<form action="submit\_form.php" method="post">

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

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

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

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

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

</form>

* **Input Types**: text, password, email, checkbox, radio, file, submit

**4. Semantic HTML**

* **Articles and Sections**:

<article>

<h2>Article Title</h2>

<p>Content of the article.</p>

</article>

<section>

<h2>Section Title</h2>

<p>Content of the section.</p>

</section>

* **Navigation**: <nav><a href="home.html">Home</a></nav>
* **Footer and Header**: <footer>Footer content</footer>, <header>Header content</header>

**5. Multimedia**

* **Audio**:

<audio controls>

<source src="audio.mp3" type="audio/mp3">

Your browser does not support the audio element.

</audio>

* **Video**:

<video width="320" height="240" controls>

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

Your browser does not support the video tag.

</video>

**6. HTML5 Features**

* **Canvas**:

<canvas id="myCanvas" width="200" height="100"></canvas>

<script>

var canvas = document.getElementById('myCanvas');

var ctx = canvas.getContext('2d');

ctx.fillStyle = '#FF0000';

ctx.fillRect(0, 0, 150, 75);

</script>

* **Local Storage**:

<script>

localStorage.setItem('key', 'value');

var value = localStorage.getItem('key');

</script>

**7. Accessibility**

* **ARIA Roles**:
  + **Role**: role="button", role="navigation", etc.
* **Alt Text for Images**:

<img src="logo.png" alt="Company Logo">

**8. Meta Tags**

* **Character Set**: <meta charset="UTF-8">
* **Viewport**: <meta name="viewport" content="width=device-width, initial-scale=1.0">
* **Description**: <meta name="description" content="Page description here">
* **Keywords**: <meta name="keywords" content="HTML, CSS, JavaScript">

**9. HTML Entities**

* **Common Entities**:
  + &lt; for <
  + &gt; for >
  + &amp; for &
  + &quot; for "

**10. Forms Advanced**

* **Fieldset and Legend**:

<fieldset>

<legend>Personal Information</legend>

<!-- Form elements here -->

</fieldset>

* **Datalist**:

<input list="browsers" name="browser" id="browser">

<datalist id="browsers">

<option value="Chrome">

<option value="Firefox">

<option value="Safari">

<option value="Edge">

</datalist>