HTML Tags

**1.<h1> to <h6> – Headings**

<h1>Main Heading</h1>

<h2>Section Heading</h2>

<h3>Sub-Section</h3>

<h4>Small Heading</h4>

<h5>Tiny Heading</h5>

<h6>Smallest Heading</h6>

**2. <p> – Paragraph**

<p>This is a paragraph with some text.</p>

**3. <br> – Line Break**

<p>First Line<br>Second Line after break</p>

**4. <hr> – Horizontal Line**

<p>Above line</p>

<hr>

<p>Below line</p>

**5. <a> – Hyperlink**

**anchor**

<a href="https://www.google.com" target="\_blank">Visit Google</a>

**6. <img> – Image**

<img src="example.jpg" alt="Sample Image" width="200">

**7. <ul> and <li> – Unordered List**

<ul>

  <li>Apple</li>

  <li>Mango</li>

  <li>Banana</li>

</ul>

**8. <ol> and <li> – Ordered List**

<ol>

  <li>Step 1</li>

  <li>Step 2</li>

  <li>Step 3</li>

</ol>

**9. <div> – Division/Container**

<div style="background-color: lightblue; padding: 10px;">

  This is inside a DIV box.

</div>

**10. <span> – Inline Container**

<p>This is <span style="color:red;">highlighted text</span> in a paragraph.</p>

**11. <table> – Table**

<table border="1">

  <tr>

    <th>Name</th>

    <th>Age</th>

  </tr>

  <tr>

    <td>Kiran</td>

    <td>21</td>

  </tr>

</table>

**12. <form> – Form**

<form>

  <label>Name: </label>

  <input type="text" name="username">

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

</form>

**13. <input> – Different Input Types**

<input type="text" placeholder="Text Field"><br>

<input type="password" placeholder="Password"><br>

<input type="checkbox"> Check me<br>

<input type="radio" name="choice"> Option 1<br>

<input type="radio" name="choice"> Option 2<br>

<input type="file"><br>

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

**14. <button> – Button**

<button onclick="alert('Hello!')">Click Me</button>

**15. <textarea> – Multiline Input**

<textarea rows="4" cols="30">Write something...</textarea>

**16. <select> and <option> – Dropdown Menu**

<select>

  <option value="html">HTML</option>

  <option value="css">CSS</option>

  <option value="js">JavaScript</option>

</select>

**17. <strong> – Bold Text (Semantic)**

<p>This is <strong>important</strong> text.</p>

**18. <em> – Italic/Emphasized Text**

<p>This is <em>emphasized</em> text.</p>

**19. <mark> – Highlight Text**

<p>This is <mark>highlighted</mark> text.</p>

**20. <iframe> – Embed a Page or Video**

<iframe src="https://www.example.com" width="300" height="200"></iframe>

|  |  |
| --- | --- |
| **Tag** | **Purpose** |
| <header>, <footer>, <main>, <section>, <article> | Semantic structure tags for clean layouts. |
| <video>, <audio> | Embedding media. |
| <progress>, <meter> | Visual indicators of values. |
| <code>, <pre> | Display code and formatted text. |
| <abbr>, <time>, <address> | Adds meaning to content for SEO and accessibility. |
| <details>, <summary> | Interactive content without JavaScript. |

### ****21.**** <header> ****– Page or Section Header****

Used for **top section** like titles, logos, or menus.

<header>

  <h1>My Website</h1>

  <p>Welcome to my page</p>

</header>

### ****22.**** <footer> ****– Page or Section Footer****

For **bottom section** info like copyright, contact.

<footer>

  <p>&copy; 2025 MyWebsite. All rights reserved.</p>

</footer>

### ****23.**** <main> ****– Main Content****

Represents the **main unique content** of a page.

<main>

  <h2>Blog Post</h2>

  <p>This is the main content of the blog post.</p>

</main>

### ****24.**** <section> ****– Content Section****

Groups related content.

<section>

  <h2>About Us</h2>

  <p>We provide web development tutorials.</p>

</section>

### ****25.**** <article> ****– Independent Content****

Used for blog posts, news articles, or forums.

<article>

  <h2>Latest News</h2>

  <p>HTML5 introduced many semantic tags.</p>

</article>

### ****26.**** <nav> ****– Navigation Menu****

For **menus and links**.

<nav>

  <a href="#home">Home</a> |

  <a href="#about">About</a> |

  <a href="#contact">Contact</a>

</nav>

### ****27.**** <aside> ****– Sidebar Content****

For sidebars or secondary info.

<aside>

  <h3>Related Links</h3>

  <ul>

    <li><a href="#">HTML Tutorial</a></li>

    <li><a href="#">CSS Basics</a></li>

  </ul>

</aside>

### ****28.**** <figure> ****and**** <figcaption> ****– Image with Caption****

Better semantic way to show images with description.

<figure>

  <img src="mountain.jpg" alt="Mountain View" width="300">

  <figcaption>A beautiful mountain view.</figcaption>

</figure>

### ****29.**** <video> ****– Embed Video****

<video width="300" controls>

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

  Your browser does not support the video tag.

</video>

### ****30.**** <audio> ****– Embed Audio****

<audio controls>

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

  Your browser does not support the audio element.

</audio>

### ****31.**** <progress> ****– Progress Bar****

<label>Downloading:</label>

<progress value="70" max="100"></progress>

### ****32.**** <meter> ****– Gauge Value****

For displaying a measurement or score.

<p>Battery Level: <meter value="0.7">70%</meter></p>

### ****33.**** <time> ****– Time or Date****

For marking time in a semantic way.

<p>Published on <time datetime="2025-08-22">22 August 2025</time>.</p>

### ****34.**** <code> ****– Inline Code****

<p>Use <code>&lt;h1&gt;</code> for the main heading.</p>

### ****35.**** <pre> ****– Preformatted Text****

Keeps spaces and line breaks.

<pre>

Line 1: Hello

Line 2: World

</pre>

### ****36.**** <blockquote> ****– Quotation Block****

For quoting someone.

<blockquote cite="https://www.example.com">

  "HTML is the foundation of the web."

</blockquote>

### ****37.**** <q> ****– Short Inline Quote****

<p>She said, <q>Learning HTML is easy.</q></p>

### ****38.**** <abbr> ****– Abbreviation****

<p>The <abbr title="World Health Organization">WHO</abbr> was founded in 1948.</p>

### ****39.**** <address> ****– Contact Information****

<address>

  Contact us: <a href="mailto:support@example.com">support@example.com</a>

</address>

### ****40.**** <details> ****and**** <summary> ****– Expand/Collapse Section****

<details>

  <summary>Click to see more</summary>

  <p>Here is some hidden information revealed after clicking.</p>

</details>

### ****41.**** <b> ****– Bold Text (Non-semantic)****

Makes text bold **without meaning**, just for styling.

<p>This is <b>bold text</b> using &lt;b&gt; tag.</p>

### ****42.**** <i> ****– Italic Text (Non-semantic)****

Makes text italicized **for visual style**.

<p>This is <i>italic text</i>.</p>

### ****43.**** <u> ****– Underlined Text****

Underlines the text.

<p>This is <u>underlined</u> text.</p>

### ****44.**** <small> ****– Smaller Text****

Displays text in a **smaller font size**.

<p>This is <small>small note</small> text.</p>

### ****45.**** <sup> ****– Superscript Text****

Used for exponents or footnotes.

<p>2<sup>3</sup> = 8</p>

### ****46.**** <sub> ****– Subscript Text****

Used in chemical formulas or footnotes.

<p>H<sub>2</sub>O means water.</p>

### ****47.**** <del> ****– Deleted Text****

Marks text as **removed or outdated**.

<p>Price: <del>₹1000</del> ₹800</p>

### ****48.**** <ins> ****– Inserted Text****

Marks text as **newly added**.

<p>Updated price: <ins>₹800</ins></p>

### ****49.**** <s> ****– Strikethrough Text****

Similar to <del> but for **styling purposes only**.

<p><s>Old Design</s> New Design</p>

### ****50.**** <kbd> ****– Keyboard Input****

Shows text as keyboard input.

<p>Press <kbd>Ctrl</kbd> + <kbd>S</kbd> to save.</p>

### ****51.**** <var> ****– Variable in Math/Code****

Displays variables in italics.

<p>Area = <var>length</var> × <var>width</var></p>

### ****52.**** <samp> ****– Sample Output****

Shows sample output from a program.

<p>Output: <samp>Hello, World!</samp></p>

### ****53.**** <bdi> ****– Bi-Directional Isolation****

Isolates text with different language directions.

<p>User: <bdi>مرحبا</bdi></p>

### ****54.**** <bdo> ****– Bi-Directional Override****

Overrides text direction.

<p><bdo dir="rtl">Hello</bdo></p>

### ****55.**** <wbr> ****– Word Break Opportunity****

Tells browser **where it can break a long word**.

<p>Thisisaverylongword<wbr>thatcanbreakhere.</p>

### ****56.**** <ruby>****,**** <rt>****,**** <rp> ****– Ruby Annotations (Asian languages)****

Used for pronunciation hints in East Asian text.

<ruby>

  漢 <rt>kan</rt>

  字 <rt>ji</rt>

</ruby>

### ****57.**** <mark> ****(Revisit for emphasis)****

Highlights text for importance.

<p>Search result: <mark>keyword</mark> found.</p>

### ****58.**** <template> ****– Hidden Template Content****

Stores HTML for **JavaScript rendering** later.

<template id="myTemplate">

  <p>This is hidden content until cloned via JS.</p>

</template>

### ****59.**** <noscript> ****– Fallback for No JavaScript****

Displays message if user disables JavaScript.

<noscript>

  Please enable JavaScript to view this page correctly.

</noscript>

### ****60.**** <canvas> ****– Drawing Area for Graphics****

Used with JavaScript to draw graphics.

<canvas id="myCanvas" width="300" height="150" style="border:1px solid black;">

</canvas>