

# Cheatsheet: HTML5 Overview

Element	Description	Example
<!-- -->	This tag denotes a comment in HTML, which is not displayed by a browser but can be useful to hide and document code.	<!-- This is a comment -->
<!DOCTYPE html>	All HTML documents must start with this declaration. It tells the browser what document type to expect. Note that this element has no ending tag.	<!DOCTYPE html> <html> <head> <!-- Metadata Here --> </head> <body> <!-- Document Body Here --> </body> </html>
<a href="path">link name</a>	This tag, called an "anchor tag", creates hyperlinks using the href attribute. In place of path enter the URL or path name to the page you want to link to.	<a href="https://www.ibm.com">IBM</a>
<body>	Contains the contents of the HTML document. It should contain all other tags besides the <head> element to display the body of the document.	<!DOCTYPE html> <html> <head> <!-- Metadata Here --> </head> <body> <!-- Document Body Here --> </body> </html>
<div>	Often used to separate sections in the body of a document in order to style that content with CSS.	<div> This element has no particular semantic meaning but is often used in conjunction with CSS for styling purposes. </div>
<h1>	Adds a level 1 heading to the HTML document.	<h1>Thomas J. Watson</h1>
<head>	Contains metadata and should be	<!DOCTYPE html> <html> <head> <!-- Metadata Here -->

	placed after the <code>&lt;html&gt;</code> tag and before the <code>&lt;body&gt;</code> tag.	<pre> &lt;/head&gt; &lt;body&gt;   &lt;!-- Document Body Here --&gt; &lt;/body&gt; &lt;/html&gt; </pre>
<code>&lt;html&gt;</code>	The root element of an HTML document. All other tags in the document should be contained in this tag.	<pre> &lt;!DOCTYPE html&gt; &lt;html&gt;   &lt;head&gt;     &lt;!-- Metadata Here --&gt;   &lt;/head&gt;   &lt;body&gt;     &lt;!-- Document Body Here --&gt;   &lt;/body&gt; &lt;/html&gt; </pre>
<code>&lt;img src="path" width="dim1" height="dim2"&gt;</code>	This tag is used to place an <code>img</code> . In place of path insert a URL or a relative file path to the image location. Other optional attributes include width and height of the image in pixels.	<pre> &lt;img src="https://upload.wikimedia.org/wikipedia/commons/7/7e/Thomas_J_Watson_Sr.jpg" width="300" height="300"/&gt; </pre>
<code>&lt;li&gt;</code>	Element that creates bulleted line items in an ordered or unordered list. Should be used in conjunction with the <code>&lt;ul&gt;</code> or <code>&lt;ol&gt;</code> tags.	<pre> &lt;ul&gt;   &lt;li&gt;Bullet point 1&lt;/li&gt;   &lt;li&gt;Bullet point 2&lt;/li&gt; &lt;/ul&gt; </pre>
<code>&lt;link&gt;</code>	Used to link an external document, such as a CSS file, to an HTML document.	<pre> &lt;head&gt;   &lt;link rel="stylesheet" href="styles.css"&gt; &lt;/head&gt; </pre>
<code>&lt;meta&gt;</code>	Used to provide metadata about the HTML document.	<pre> &lt;head&gt;   &lt;meta name="author" content="Christopher Moore"&gt; &lt;/head&gt; </pre>
<code>&lt;ol&gt;</code>	Element that creates an ordered list using numbers. Should be used	<pre> &lt;ol&gt;   &lt;li&gt;Numbered bullet point 1&lt;/li&gt;   &lt;li&gt;Numbered bullet point 2&lt;/li&gt; &lt;/ol&gt; </pre>

	in conjunction with the <i> tag.	
<p>	This tag is used to identify a paragraph. It places a line break after the text it is enclosed in.	<p>This is a paragraph of text. It can be as short or as long as needed.</p>
<script>	Used to embed JavaScript in an HTML document.	<script> alert("Hello World"); </script>
<table>	This tag is used to denote a table. Should be used with <tr> (defines a table row) and <td> (defines a table cell within a row) tags. The <th> tag can also be used to define the table header row.	<table> <tr> <th>Header cell 1</th> <th>Header cell 2</th> </tr> <tr> <td>First row first cell</td> <td>First row second cell</td> </tr> <tr> <td>Second row first cell</td> <td>Second row second cell</td> </tr> </table>
<td>	Denotes a cell within a row, within a table.	<td>Cell Content</td>
<th>	Denotes the header cells within a row within a table.	<table> <tr> <th>Header cell 1</th> <th>Header cell 2</th> </tr> <tr> <td>First row first cell</td> <td>First row second cell</td> </tr> <tr> <td>Second row first cell</td> <td>Second row second cell</td> </tr> </table>
<title>	Defines the title of the HTML document displayed in the browser's title	<!DOCTYPE html> <html> <head> <title>Document Title</title> </head> <body>

	bar and tabs. It is required in all HTML documents. It should be contained in the <head> tag.	<pre>         &lt;!-- Document Body Here --&gt;       &lt;/body&gt;     &lt;/html&gt; </pre>
<tr>	Denotes a row within a table.	<pre> &lt;table&gt;   &lt;tr&gt;     &lt;th&gt;Header cell 1&lt;/th&gt;     &lt;th&gt;Header cell 2&lt;/th&gt;   &lt;/tr&gt;   &lt;tr&gt;     &lt;td&gt;First row first cell&lt;/td&gt;     &lt;td&gt;First row second cell&lt;/td&gt;   &lt;/tr&gt;   &lt;tr&gt;     &lt;td&gt;Second row first cell&lt;/td&gt;     &lt;td&gt;Second row second cell&lt;/td&gt;   &lt;/tr&gt; &lt;/table&gt; </pre>
<ul>	Element that creates an unordered list using bullets. Should be used in conjunction with the <ul style="list-style-type: none"><li>•</li></ul> tag.	<pre> &lt;ul&gt;   &lt;li&gt;Bullet point 1&lt;/li&gt;   &lt;li&gt;Bullet point 2&lt;/li&gt; &lt;/ul&gt; </pre>



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