

# Module 1 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 pur </div>
<h1>	Adds a level 1 heading to the HTML document.	<h1>Thomas J. Watson</h1>

<head>	Contains metadata and should be placed after the <html> tag and before the <body> 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>
<html>	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>
	This tag is used to place an img. 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= </pre>
<li>	Element that creates bulleted line items in an ordered or unordered list. Should be used in conjunction with the <ul> or <ol> 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>
<link>	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>

<meta>	Used to provide metadata about the HTML document.	<pre>&lt;head&gt;   &lt;meta name="author" content="Christopher Moore"&gt; &lt;/head&gt;</pre>
<ol>	Element that creates an ordered list using numbers. Should be used in conjunction with the <li> tag.	<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>
<p>	This tag is used to identify a paragraph. It places a line break after the text it is enclosed in.	<pre>&lt;p&gt;This is a paragraph of text. It can be as short or as long as needed.&lt;/p&gt;</pre>
<script>	Used to embed JavaScript in an HTML document.	<pre>&lt;script&gt;   alert("Hello World"); &lt;/script&gt;</pre>
<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.	<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>
<td>	Denotes a cell within a row, within a table.	<pre>&lt;td&gt;Cell Content&lt;/td&gt;</pre>
<th>	Denotes the header cells within 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;</pre>

		<pre>&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>
<title>	Defines the title of the HTML document displayed in the browser's title bar and tabs. It is required in all HTML documents. It should be contained in the <head> tag.	<pre>&lt;!DOCTYPE html&gt; &lt;html&gt;   &lt;head&gt;     &lt;title&gt;Document Title&lt;/title&gt;   &lt;/head&gt;   &lt;body&gt;     &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>• tag.</li></ul>	<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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