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.	```html
		<!-- 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.	```html
		<!DOCTYPE html>
		<html>
		    <head>
		        <!-- Metadata Here -->
		    </head>
		    <body>
		        <!-- Document Body Here -->
		    </body>
		</html>
		``

link name	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.	```html
		IBM
		``

<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.	```html
		<!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.	```html
		
		This element has no particular semantic meaning but is often used in conjunction with CSS for styling
		
		``

<h1>	Adds a level 1 heading to the HTML document.	```html
		 Thomas J. Watson
		``

<head>	Contains metadata and should be placed after the <html> tag and before the <body> tag.	```html
		<!DOCTYPE html>
		<html>
		    <head>
		        <!-- Metadata Here -->
		    </head>
		    <body>
		        <!-- Document Body Here -->
		    </body>
		</html>
		``

<html>	The root element of an HTML document. All other tags in the document	```html
		<!DOCTYPE html>
		<html>
		  <head>
		    <!-- Metadata Here -->
		  </head>
		  <body>
		        <!-- Document Body Here -->
		``

	should be contained in this tag.	`</body>` `</html>`
`<img src="path" width="dim1" height="dim2">`	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.	`<img src="https://upload.wikimedia.org/wikipedia/commons/7/7e/Thomas_J_Watson_Sr.jpg" width="300" hei`

`<li>`	Element that creates bulleted line items in an ordered or unordered list. Should be used in conjunction with the `<ul>` or `<ol>` tags.	`<ul>`
		    `<li>Bullet point 1</li>`
		    `<li>Bullet point 2</li>`
		`</ul>`

`<link>`	Used to link an external document, such as a CSS file, to an HTML document.	`<head>`
		    `<link rel="stylesheet" href="styles.css">`
		`</head>`

`<meta>`	Used to provide metadata about the HTML document.	`<head>`
		    `<meta name="author" content="Christopher Moore">`
		`</head>`

`<ol>`	Element that creates an ordered list using numbers. Should be used in conjunction with the `<li>` tag.	`<ol>`
		    `<li>Numbered bullet point 1</li>`
		    `<li>Numbered bullet point 2</li>`
		`</ol>`

`<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 bar and tabs. It is required in all HTML documents. It should be contained in the <head> tag.	```<!DOCTYPE html> <html> <head> <title>Document Title</title> </head> <body> <!-- Document Body Here --> </body> </html>```
<tr>	Denotes 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>```
	Element that creates an unordered list using bullets. Should be used in conjunction with the • tag.	``` - Bullet point 1 - Bullet point 2 ```

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