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

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

`<div>`	Often used to separate sections in the body of a document in order to style that content with CSS.	<pre>`<div>`
		`This element has no particular semantic meaning but is often used in conjunction with CSS for styling purposes.`
		`</div>`</pre>

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

| &lt;html&gt; | The root element of an HTML document. All other tags in the document should be contained in this tag. | ```html
<!DOCTYPE html>
<html>
  <head>
    <!-- Metadata Here -->
  </head>
  <body>
    <!-- Document Body Here -->
  </body>
</html>
``` |
| &lt;img src="path" width="dim1" height="dim2"&gt; | 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. | ```html
<img src="https://upload.wikimedia.org/wikipedia/commons/7/7e/Thomas_J_Watson_Sr.jpg" width="300" height="300"/>
``` |
| &lt;li&gt; | Element that creates bulleted line items in an ordered or unordered list. Should be used in conjunction with the &lt;ul&gt; or &lt;ol&gt; tags. | ```html
<ul>
    <li>Bullet point 1</li>
    <li>Bullet point 2</li>
</ul>
``` |
| &lt;link&gt; | Used to link an external document, such as a CSS file, to an HTML document. | ```html
<head>
    <link rel="stylesheet" href="styles.css">
</head>
``` |
| &lt;meta&gt; | Used to provide metadata about the HTML document. | ```html
<head>
    <meta name="author" content="Christopher Moore">
</head>
``` |
| &lt;ol&gt; | Element that creates an ordered list using numbers. Should be used in conjunction with the &lt;li&gt; tag. | ```html
<ol>
    <li>Numbered bullet point 1</li>
    <li>Numbered bullet point 2</li>
</ol>
``` |
| &lt;p&gt; | This tag is used to identify a paragraph. It places a line break after the text it is enclosed in. | ```html
<p>This is a paragraph of text. It can be as short or as long as needed.</p>
``` |
| &lt;script&gt; | Used to embed JavaScript in an HTML document. | ```html
<script>
    alert("Hello World");
</script>
``` |
| &lt;table&gt; | This tag is used to denote a table. Should | ```html
<table>
  <tr>
    <th>Header cell 1</th>
    <th>Header cell 2</th>
``` |

	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.	```html </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.	```html <td>Cell Content</td>```
<th>	Denotes the header cells within a row within a table.	```html <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.	```html <!DOCTYPE html> <html> <head> <title>Document Title</title> </head> <body> <!-- Document Body Here --> </body> </html>```
<tr>	Denotes a row within a table.	```html <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.	```html - Bullet point 1 - Bullet point 2 ```