Introduction to Web Development with HTML, CSS, and JavaScript

HTML Elements Cheat Sheet

HTML Tags

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| --- | --- | --- |
| 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>  <title>Document Title</title>  </head>  <body>  Document body here  </body> </html> |
| <a href= “path”> | 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>  <title>Document Title</title> </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 placed after the <html> tag and before the <body> tag. | <!DOCTYPE html> <html> <head>  <title>Document Title</title> </head> <body>  Document body here </body> </html> |
| <html> | The root element of an HTML document. All other tags in the document should be contained in this tag. | <!DOCTYPE html> <html> <head>  <title>Document Title</title> </head> <body>  Document body here </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” height=“300”> |
| <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 a CSS document 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>Thomas J. Watson, Sr. is the American industrialist, who built the International Business Machines Corporation (IBM) into the largest manufacturer of electric typewriters and data-processing equipment in the world.</p> |
| **<script>** | Used to embed JavaScript in an HTML document. | <script>  alert(“Hello World”);  </script> |
| <style> | Used to apply simple CSS to an HTML document. | <head>  <style>  p {color:red}  </style>  </head>  <body>  <p>This paragraph will be red because I’ve styled the paragraph tag with CSS.</p>  </body> |
| <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. | <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> |
| <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> |
| <ul> | Element that creates an unordered list using bullets. Should be used in conjunction with the <li> tag. | <ul>  <li>Bullet point 1</li>  <li>Bullet point 2</li>  </ul> |