|  |  |  |
| --- | --- | --- |
| Document Type | <!DOCTYPE HTML> | First tag in a file. It tells the web browser what version of HTML a page is written in. |
| HTML TAG | <html></html> | Wraps all the code in the file, except for the doctype. |
| Head Section | <head></head> | At the top of the file, after html tag |
| Title | <title></title> | Goes inside the head tag |
| Body Section | <body></body> | Goes after the head tag and wraps the page’s content. |

Quick Guide to HTML Tags

**Required Tags**

**Headings, Paragraphs & Text Formatting**

|  |  |  |
| --- | --- | --- |
| Heading | <h1></h1> | Wraps each heading. H1 thru H6 H1 is the main topic. H2 is a subtopic, and so on. |
| Paragraph | <p></p> | Wraps each paragraph |
| Line Break | <br> | New line or carriage return |
| Block Quote | <blockquote></blockquote> | Indents a block of text |
| Subscript | <sub></sub> | H2O |
| Superscript | <sup></sup> | E=mc2 |
| Bold | <strong></strong> or <b></b> | This is bold |
| Italic | <em></em> or <i></i> | *This is italic* |
| Font Size | <font size="5"></font> | 1 to 7 (smallest to largest) |
| Align Left | align="left" | Alignment works with text, graphics, headings, tables, paragraphs. |
| Align Center | align="center" |  |
| Align Right | align="right" |  |

**Graphics**

|  |  |  |
| --- | --- | --- |
| Display Graphic | <img src="img/filename.png"> | Image formats: Use .gif .jpg or .png |
| Dimensions | <img src="img/filename.png" width="250" height="100"> | Scale graphic (in pixels) |
| Border | <img src="img/filename.png" border="1"> | Make border 0 if linked and you still wish no border |

**Horizontal Rules**

|  |  |  |
| --- | --- | --- |
| Horizontal Rule | <hr> | Shaded rule across page |
| HR Thickness | <hr size="2"> | Thickness of rule in pixels |
| HR Width | <hr width="600"> | Width of rule in pixels |
| HR Width | <hr width="50%"> | Percentage of page width |
| Solid Line | <hr noshade> | Eliminates shading |

**Lists**

|  |  |  |
| --- | --- | --- |
| Unordered List | <ul>     <li>This is a list item</li>  </ul> | Put <li> around each list item |
| Ordered List | <ol>     <li>This is a list item</li>  </ol> | Numbers the list items |
| Definition List | <dl>    <dt>Term</dt>    <dd>Definition</dd> </dl> | DT=Data Term, DD=Data Definition |
| Bullet List | <ul type="disc"> | Bullet in front of each entry in list |
| Circle Bullets | <ul type="circle"> | Circle in front of each entry in list |
| Square Bullets | <ul type="square"> | Square in front of each entry in list |

**Backgrounds & Color**

|  |  |  |
| --- | --- | --- |
| Tiled Background | <body background="file.png"> | Image formats: Use .gif .jpg or .png |
| Background Color | <body bgcolor="#333"> | Color value can be a 3 or 6 digit hexadecimal value. |
| Text Color | <body text="#333"> | You can find the hexadecimal code for a color in many design apps or code editors. |
| Link Color | <body link="#333"> |  |
| Visited Link | <body vlink="#333"> |  |
| Active Link | <body alink="333"> |  |

**Links**

|  |  |  |
| --- | --- | --- |
| Link to another page | <a href="filename.html"></a> | Link to another page within a site |
| Link to another site | <a href="http://google.com">    Google </a> | Requires the full http:// address |
| Link to target in page | <a href="#name"></a> | Links to specific location in current page |
| Link to target in other page | <a href="filename.html#name">    Click Me </a> | Links to specific location in another page |
| Define target in a page | <a name="name"></a> | To be able to link to a specific part of a page, add this tag to the place you want a link to end up at. |
| Use graphic as link | <a href="filename.html">    <img src="name.png"> </a> | Wrap a link around an image tag (or anything for that matter) to make it linkable. |
| Alternate text | <img src="img/filename.png" alt="Image Description Here"> | Choose text that would be useful if read aloud to someone that can't see the image |

**Special Characters**

|  |  |  |
| --- | --- | --- |
| Non-Breaking Space | &nbsp; or &#160; |  |
| < | &lt; or &#60; |  |
| > | &gt; or &#62; |  |
| & | &amp; or &#38; |  |
| é | &eacute; or &#233; |  |

**Tables**

|  |  |  |
| --- | --- | --- |
| Create a Table | <table></table> | Wraps a table |
| Table Caption | <caption></caption> | Insert after table tag. One per table. |
| Table Header | <th></th> | Contains header content/information |
| Table Row | <tr></tr> | New Table Row |
| Table Cell | <td></td> | Contains the content or data (table data) |
| Columns to Span | <td colspan="3"> | For data to stretch across columns |
| Rows to Span | <td rowspan="2"> | For data to go deeper than one column |
| Width as Pixels | <table width="600"> | In pixels |
| Width as Percent | <table width="50%"> | Percentage |
| Table Border | <table border="10"> | In Pixels |
| Cell Padding | <table cellpadding="20"> | In Pixels |
| Cell Spacing | <table cellspacing="5"> | In Pixels |
| Row Horiz. Alignment | <tr align="center"> | Can use: left, center or right |
| Row Vert. Alignment | <tr valign="top"> | Can use: top, middle or bottom |
| Cell Horiz. Alignment | <td align="center"> | Can use: left, center or right |
| Cell Vert. Alignment | <td valign="top"> | Can use: top, middle or bottom |
| Cell Width | <td width="200"> | In pixels |