**Basic HTML Elements**

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| --- | --- | --- | --- |
| **TAG** | Element name | Explanation | Attributes |
| HTML Example | View HTML | |

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**Document Elements**

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| --- | --- | --- | --- |
| **HTML** | HTML | Tells browser that the included text is in HTML format | Element includes Head, Body, and other elements |
| <HTML> <HEAD></HEAD> <BODY> </BODY> </HTML> |  | |
| **HEAD** | Header | Includes 'header', non-displaying information about the document, like the TITLE and other descriptive tags | Element can include Title, Meta, Base and other elements |
| <HEAD> <TITLE>Basic HTML Elements</TITLE> </HEAD> |  | |
| **TITLE** | Document Title | Title that appears in Browser header and on bookmark lists. Should be concise and meaningful. |  |
| <TITLE>Basic HTML Elements</TITLE> | [see top of this page] | |
| **BODY** | Document Body | Defines the content of the document. | BGCOLOR, BACKGROUND, TEXT, LINK, ALINK, VLINK |
| <BODY> </BODY> | See the background of this page | |

**Body Elements**

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| --- | --- | --- | --- |
| **H1 H2 H3 H4 H5 H6** | Heading | Text of the Element is a section heading. Headings are numbered and displayed in order of decreasing importance. Headings are separate paragraphs. | ALIGN |
| <H1 ALIGN="CENTER">Page Name</H1>  <H2>Section Heading</H2> | **Page Name**  Section Heading | |
| **P** | Paragraph | Defines paragraphs in the document. Usually paragraphs | ALIGN |
| <P>First paragraph, no content.</P>  <P>Second paragraph, slightly more content here.</P> | First paragraph, no content.  Second paragraph, slightly more content here. | |
| **BR** | Break or Line Break | Puts a single break in the middle of a paragraph, list item, etc. |  |
| <P>First paragraph, <BR> no content.</P> | First paragraph,  no content. | |
| **HR** | Horizontal Rule | Runs a horizontal line across the page (or table cell) | SIZE  WIDTH |
| <HR SIZE="10" WIDTH="50%"> |  | |
| **DIV** | Division | Defines a particular section of the document. Used to spread document attributes across a whole section. | ALIGN  VALIGN, etc |
| <DIV ALIGN="RIGHT">  </DIV> |  |  |
| **BLOCKQUOTE** | Block Quote | Displays a block of text quoted from another document. Usually indented on all four sides. |  |
| <BLOCKQUOTE>Far off in a distant backwater of the unfashionable end of the western spiral arm of the galaxy....</BLOCKQUOTE> | Far off in a distant backwater of the unfashionable end of the western spiral arm of the galaxy... | |
| **PRE** | Preformatted Text | Uses formatting (spacing, tabs, carriage returns, breaks, etc.) exactly as in the plain ASCII text of the document. Usually displays in a fixed font, such as Courier. |  |
| <PRE>User Services Begins  Here</PRE> | User Services Begins  Here | |

**Style and Appearance Elements**

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| --- | --- | --- | --- |
| **STRONG** | Strong emphasis | (logical formatting). Very important text. Generally displays as Bold. |  |
| <STRONG>Very Important</STRONG> | **Very Important** | |
| **EM** | Emphasis | (logical formatting) Important text. Generally displays as Italic |  |
| <EM>Important information</EM> | *Important information* | |
| **CITE** | Citation | Title of a cited work. Generally displays as Italic |  |
| <CITE>Huckleberry Finn,</CITE>, by Mark Twain. | *Huckleberry Finn,* by Mark Twain | |
| **CODE** | Computer Code | Indicates computer code, such as programming languages, computer commands, etc. Usually displays in a fixed font. |  |
| <CODE>cd /ahome/userid/public/www-data</CODE> | cd /ahome/userid/public/www-data | |
| **B** | Bold | Displays text as bold. |  |
| <B>Bloody, bold and resolute</B> | **Bloody, bold and resolute** | |
| **I** | Italic | Displays text as italic |  |
| <I>Caveat emptor</I>: let the buyer beware! | *Caveat emptor*: let the buyer beware! | |
| **U** | Underline | Shows text as underlined (not supported by older versions of Netscape). |  |
| <U>Underlined Text</U> | Underlined Text | |
| **TT** | Fixed font | Displays text in a 'fixed' font (in which each letter is the same size, such as Courier)-- similar to PRE , CODE, etc. |  |
| <TT>Fixed Text</TT> | Fixed Text | |
| **FONT** | Font appearance. | Sets relative or absolute font size, font color. | SIZE  COLOR |
| <FONT SIZE="+2" COLOR="#bb4732">Colored text</FONT> | Colored text | |

**Anchor Element: Links and Named Targets**

|  |  |  |  |
| --- | --- | --- | --- |
| **A  HREF="URL"** | Hypertext link (Special case of the Anchor element) | Allows the user to retrieve the document at the specified URL by clicking on the contents of the element. (Usually displayed as blue and underlined.) The URL may include a named target. | NAME, REL, REV URN,TITLE,TARGET |
| Go to <A HREF="htmlchart.html#named\_target"> named anchor section</A> | Go to [named anchor section](https://www.lehigh.edu/~inwww/seminar/reference/htmlchart.html#named_target). | |
| **A  NAME="name"** | Named Anchor, or target | Sets a 'target'/'anchor' which hypertext links can point to. | HREF, REL, REV URN,TITLE,TARGET |
| <A NAME="named\_target">Named Target</A> | Named Target | |

**Image Element**

|  |  |  |  |
| --- | --- | --- | --- |
| **IMG** | Image | Displays an 'inline' (embedded in the document) image in the document. Source (SRC="") gives the full or partial URL of the image file to use; ALT gives the alternative/caption text for the image | SOURCE, ALT, HEIGHT, WIDTH, BORDER |
| <IMG SRC="/icons/mthawk.gif" ALT="Lehigh mountain hawk"> |  | |

**List Elements**

|  |  |  |  |
| --- | --- | --- | --- |
| **UL** | Unordered List | Bullet List. Items in the list are LI elements. Lists can be nested. | TYPE |
| <UL> <LI>First Item <LI>Second Item </UL> | * First Item * Second Item | |
| **OL** | Ordered List | Numberd (or lettered) list.  Items in the list are LI elements. Lists can be nested. | TYPE |
| <OL TYPE="A"> <LI>First Item <LI>Second Item </OL> | 1. First Item 2. Second Item | |
| **LI** | List item | An item in a bullet or numbered list.  List items can include other lists (nesting lists), line breaks, and other HTML tags.  Close tags </LI> are optional. |  |
| <UL>  <LI>List item One  <UL>  <LI>Niggle One  <LI>Niggle Two  </UL>  <LI>List item Two </UL> | * List item One   + Niggle One   + Niggle Two * List item Two | |
| **DL** | Descriptive List or Definition List | A list of terms with definitions or entries with annotations. Contains DT and DD elements.  DT elements are the 'terms' or main entries DD elements are the definitions or annotations. |  |
| <DL> <DT>Hack <DD>To program skillfully. <DT>Crack <DD>To break into a computer system </DL> | Hack  To program skillfully.  Crack  To break into a computer system. | |
| **DT** | Term in Definiton list | In an annotated list, the item or term being annotated |  |
| <DL> <DT>Hack <DD>To program skillfully </DL> | Hack  To program skillfully. | |
| **DD** | Definition in Definition list | In an annotated list, the annotation or definition |  |
| <DL>  <DT>Hack  <DD>  <OL>  <LI>[v.]to program skillfully  <LI>[n.,archaic]a makeshift, a kludge  </OL>  </DD>  </DL> | Hack   1. [v.] to program skillfully 2. [n.,archaic] a makeshift, a kludge | |

**Other Elements**

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| --- | --- | --- | --- |
| **<!-- -->** | Comment | Inserts a 'comment' which does not display on the browser screen, but can be seen in the file itself when viewing the source or editing the HTML. |  |
| <!-- This is a comment --> |  | |