

## Remarks:

- An attribute value must be quoted if it contains any character other than letters (A-Za-z), digits, hyphens, and periods; use quotes if in doubt.  
Here is an example:

```
<a href="http://www.math.uh.edu" name="start">Dept. of Math.</a>
```

- NONE in the "value" field below means that one can use the attribute without a value.

## HTML commands:

**<a>, </a>**

- purpose: anchor, for links and labels
- example: `<a href="http://www.math.uh.edu" name="start">Dept. of Math.</a>`
- attributes:

Attribute	Values	Meaning	Remarks
href	URL	address of link	
name	text	label of this position in the file	
target	name_of_frame	frame in which the link should be rendered	<ul style="list-style-type: none"> <li>These items <b>might be case-sensitive!</b></li> <li>If the named frame does not exist, the link is rendered in a new window (unless overridden by the user).</li> <li><code>_self</code> is useful for overriding a BASE TARGET</li> </ul>
	_blank	renders the link in a new, unnamed window	
	_parent	renders the link in the immediate FRAMESET parent	
	_top	renders the link in the full, unframed window	
	_self	renders the link in the current frame	

**<img>**

- purpose: inline image
- example: ``
- attributes:

Attribute	Values	Meaning	Remarks
src	URL	source file	
height	number, percentage	pixel size, % of page height	
width	number, percentage	pixel size, % of page width	
alt	text	show if no image	
align	top, middle, bottom, left, right		deprecated, use <code>&lt;br clear&gt;</code> instead

border	number	size in pixels	border="0" means no border
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`<br />`

- purpose: line break
- attributes:

Attribute	Values	Meaning	Remarks
clear	left, all, right, NONE	clear floating objects	

`<p>`, `<p/>`

- purpose: new paragraph
- attributes:

Attribute	Values	Meaning	Remarks
align	left, center, right, justify		deprecated; horizontal alignment

`<hr />`

- purpose: horizontal rule
- example: `<hr noshade size="2" width="50%" align="center" />`
- attributes:

Attribute	Values	Meaning	Remarks
noshade		solid line	
size	number	height in pixels	
align	center, left, right		
width	number, percentage	pixels, % of page-width	

## fonts & co.

- purpose: use a particular font, select size, heading etc.
- tags:

Tag and endtag	Effect, Meaning	Remarks
<code>&lt;font&gt;</code> , <code>&lt;/font&gt;</code>		see <a href="#">below</a>
<code>&lt;pre&gt;</code> , <code>&lt;/pre&gt;</code>	preformatted text	creates a separate paragraph spaces and line-breaks matter
<code>&lt;h1&gt;</code> , <code>&lt;/h1&gt;</code>	<b>level-one heading</b>	headings create a separate paragraph levels go from 1 (largest) to 6 (smallest)
<code>&lt;h6&gt;</code> , <code>&lt;/h6&gt;</code>	level-six heading	
<code>&lt;i&gt;</code> , <code>&lt;/i&gt;</code>	<i>italic</i> text	
<code>&lt;b&gt;</code> , <code>&lt;/b&gt;</code>	<b>bold</b> text	
<code>&lt;tt&gt;</code> , <code>&lt;/tt&gt;</code>	teletype text	
<code>&lt;em&gt;</code> , <code>&lt;/em&gt;</code>	<i>emphasis</i>	
<code>&lt;strong&gt;</code> , <code>&lt;/strong&gt;</code>	<b>strong emphasis</b>	
<code>&lt;cite&gt;</code> , <code>&lt;/cite&gt;</code>		

	<i>citation</i>	
<big>, </big>	big text	
<small>, </small>	small text	
<sub>, </sub>	subscript	
<sup>, </sup>	superscript	
<u>, </u>	<u>underline</u>	deprecated; use cite or strong
<s>, </s>	<del>strike-through</del> text	deprecated
<strike>, </strike>	<del>strike-through</del> text	better supported than <s>; deprecated
<code>, </code>	computer code	use it to stress the <i>meaning</i> of the text
<del>, </del>	<del>deleted</del> text	not implemented yet; preferred to <strike>

### <font>, </font>

- purpose: change font size, color, type etc.
- example: <font size="+1" color="red">larger red words</font>
- remark: a better way to achieve this is using [style sheets](#)
- attributes:

Attribute	Values	Meaning	Remarks
size	1, ..., 7	specifies size to be used	default starting size is 3
	-3, ..., +3	changes size from that previously in use	
color	red, #FF00FF	value or word to describe color	Color attribute values give a color definition. The value can be any hexadecimal number, specified according to the sRGB color space, or one of sixteen color names. Hexadecimal numbers must be prefixed by a "#" character. <a href="#">Here</a> is a list of colors.
face		specifies list of fonts to be used (in order of preference)	the browser will use the first one available from the list

### lists

- there are three types of lists:
  - ordered lists: <ol>, </ol>  
the elements of the list are introduced by <li> (list item)  
the end tag </li> is **not optional**  
to change the current label to 30, use <li value="30">
  - unordered lists: <ul>, </ul>  
the elements of the list are introduced by <li> (list item)  
the end tag </li> is **not optional**
  - definition lists: <dl>, </dl>  
the elements of the list are pairs *term-definition* introduced by
    - <dt> (definition term)
    - <dd> (definition definition)
 the end tags </dt> and </dd> are **not optional**
- lists can be nested

- examples:

Type of list	How it looks	HTML code
<b>Ordered List</b>	1. first item 2. second item 33. third item, but we want it to have label 33 34. next item; note the label	<pre>&lt;ol&gt;   &lt;li&gt; first item &lt;/li&gt;   &lt;li&gt; second item &lt;/li&gt;   &lt;li value="33"&gt; third item, but we want it to have label 33 &lt;/li&gt;   &lt;li&gt; next item; note the label &lt;/li&gt; &lt;/ol&gt;</pre>
<b>Unordered List</b>	<ul style="list-style-type: none"> <li>first item</li> <li>second item</li> </ul>	<pre>&lt;ul&gt;   &lt;li&gt; first item &lt;/li&gt;   &lt;li&gt; second item &lt;/li&gt; &lt;/ul&gt;</pre>
<b>Definition List</b>	Texas state of US Houston city in Texas	<pre>&lt;dl&gt;   &lt;dt&gt; Texas &lt;/dt&gt;   &lt;dd&gt; state of US &lt;/dd&gt;   &lt;dt&gt; Houston &lt;/dt&gt;   &lt;dd&gt; city in Texas &lt;/dd&gt; &lt;/dl&gt;</pre>
Nested lists	<ul style="list-style-type: none"> <li>cities:               <ol style="list-style-type: none"> <li>Athens</li> <li>Sparta</li> </ol> </li> <li>continents:               <ul style="list-style-type: none"> <li>Africa</li> <li>America</li> <li>Asia</li> <li>Europa</li> </ul> </li> </ul>	<pre>&lt;ul&gt;   &lt;li&gt; cities:     &lt;ol&gt;       &lt;li&gt; Athens &lt;/li&gt;       &lt;li&gt; Sparta &lt;/li&gt;     &lt;/ol&gt;   &lt;/li&gt;   &lt;li&gt; continents:     &lt;ul&gt;       &lt;li&gt; Africa &lt;/li&gt;       &lt;li&gt; America &lt;/li&gt;       &lt;li&gt; Asia &lt;/li&gt;       &lt;li&gt; Europa &lt;/li&gt;     &lt;/ul&gt;   &lt;/li&gt; &lt;/ul&gt;</pre>

## tables

- simplified example (from [HTML 4.0 Reference](#)):

Character	Entity	Decimal	Hex	Rendering in Your Browser		
				Entity	Decimal	Hex
non-breaking space	&nbsp;	&#160;	&#xA0;			
quotation mark = APL quote	&quot;	&#34;	&#x22;	"	"	"
ampersand	&amp;	&#38;	&#x26;	&	&	&
less-than sign	&lt;	&#60;	&#x3C;	<	<	<
greater-than sign	&gt;	&#62;	&#x3E;	>	>	>

- the HTML code that produced it:

```

<TABLE border="1">
  <THEAD>
    <TR>
      <TH ROWSPAN=2>Character</TH>
      <TH ROWSPAN=2>Entity</TH>
      <TH ROWSPAN=2>Decimal</TH>
      <TH ROWSPAN=2>Hex</TH>
      <TH COLSPAN=3>Rendering in Your Browser</TH>
    </TR>
    <TR>
      <TH>Entity</TH>
      <TH>Decimal</TH>
      <TH>Hex</TH>
    </TR>
  </THEAD>
  <TBODY>

    <TR>
      <TD>non-breaking space</TD>
      <TD>&amp;nbsp;</TD>
      <TD>&#160;</TD>
      <TD>&#xA0;</TD>
      <TD>&nbsp;</TD>
      <TD>&#160;</TD>
      <TD>&#xA0;</TD>
    </TR>

    etc.

  </TBODY>
</TABLE>

```

- ingredients:
  - <table>, </table>: encloses the table
  - <thead>, </thead>: encloses the table head; this helps the browser display the head on each page, if the table is longer.
  - <tfoot>, </tfoot>: encloses the footer of the table; it must precede the <tbody>
  - <tbody>, </tbody>: encloses the body of the table
  - <tr>, </tr>: table row
  - <th>, </th>: table header cell; used within <tr>
  - <td>, </td>: table data cell; used within <tr>

- arguments of <th> and <td>:

Attribute	Values	Meaning	Remarks
colspan	number	columns spanned by the cell	
rowspan	number	rows spanned by the cell	
align	center , left , right , justify	horizontal alignment	
valign	top , bottom , middle	vertical alignment	
nowrap		suppress word wrap	

- the example with more [features](#).

### To be added:

- more about table arguments
- <center>
- <basefont>
- <blockquote>, <q>
- <base>
- <address>
- forms

- frames