



## HTML Tags

This is not an exhaustive list of HTML tags, but it covers the ones with which we will work this semester.

### HTML SYNTAX (XHTML COMPATIBLE):

- **HTML tags must be in lower case.**
- **HTML elements must be nested correctly and symmetrically:**  
This is incorrect: `<p><strong>Text</p></strong>`  
This is correct: `<p><strong>Text</strong></p>`
- **Most HTML tag elements must be closed.** Some tags don't have a corresponding ending tag, such as `<br>`, `<hr>`, and others. Those tags, to be backward compatible will look like this instead: `<br />` `<hr />`
- **Every attribute value must be in double quotes**, such as:  
``
- **Documents written in HTML must be well-formed.**

BASIC DOCUMENT TAGS		
Name	Opening Tag	Closing Tag
HTML document: contains the entire HTML document	<code>&lt;html&gt;</code>	<code>&lt;/html&gt;</code>
Header: sets off the title and other information invisible to the user	<code>&lt;head&gt;</code>	<code>&lt;/head&gt;</code>
Meta information: contains a variety of metadata about the page	<code>&lt;meta&gt;</code>	<code>&lt;/meta&gt;</code>
Title: appears at the top of the browser window.	<code>&lt;title&gt;</code>	<code>&lt;/title&gt;</code>
Body: defines the visible portion of the document	<code>&lt;body&gt;</code>	<code>&lt;/body&gt;</code>

TEXT TAGS		
Nsme	Opening Tag	Closing Tag
1st level headline: headings should be used in order and h1 used just once per page	<code>&lt;h1&gt;</code>	<code>&lt;/h1&gt;</code>
2nd level headline	<code>&lt;h2&gt;</code>	<code>&lt;/h2&gt;</code>
3rd level headline	<code>&lt;h3&gt;</code>	<code>&lt;/h3&gt;</code>
4th level headline	<code>&lt;h4&gt;</code>	<code>&lt;/h4&gt;</code>
5th level headline	<code>&lt;h5&gt;</code>	<code>&lt;/h5&gt;</code>
6th level headline	<code>&lt;h6&gt;</code>	<code>&lt;/h6&gt;</code>
Italic	<code>&lt;em&gt;</code>	<code>&lt;/em&gt;</code>
Bold	<code>&lt;strong&gt;</code>	<code>&lt;/strong&gt;</code>
Preformatted text	<code>&lt;pre&gt;</code>	<code>&lt;/pre&gt;</code>
Comment tags: use these when you want to write messages for people who can see the code that will not display for the general user	<code>&lt;!--</code>	<code>--&gt;</code>



## HTML Tags

FORMATTING		
Name	Opening Tag	Closing tag
Article: defines an article	<article>	</article>
Aside: defines content aside from the page content	<aside>	</aside>
Nav: defines the navigation links	<nav>	</nav>
Header: defines a header for a document or section	<header>	</header>
Footer: defines a footer for a document or section	<footer>	</footer>
Section: defines a section in a document	<section>	</section>
Paragraph	<p>	</p>
Line break	 	none
Blockquote	<blockquote>	</blockquote>
Definition list	<dl>	</dl>
Definition term	<dt>	</dt>
Definition	<dd>	</dd>
Numbered list	<ol>	</ol>
Bulleted list	<ul>	</ul>
List item: adds a number or symbol depending upon the type of list selected	<li>	</li>
Definition List	<dl>	</dl>
Definition Term	<dt>	</dt>
Definition	<dd>	</dd>
Division: a generic tag used to format large blocks of HTML, also used for stylesheets	<div>	</div>
Image		none
Horizontal rule	<hr />	none
Audio: defines sound content	<audio>	</audio>
Video: defines video content	<video>	</video>

LINKS		
Name	Opening Tag	End Tag
Hyperlink	<a href="URL">	</a>
Email link	<a href="mailto:EMAIL">	</a>
Image/link	<a href="URL">	</a>



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SPECIAL CHARACTERS		
Name	Code	Character
Quotation mark	&quot;	"
Ampersand	&amp;	&
Curly quotes, opening	&#8220;	"
Curly quotes, closing	&#8221;	"
Copyright	&copy;	©
Trademark	<sup>TM</sup>	™
Registered	&reg;	®

SELF-CLOSING TAGS	
Tags that, by definition, contain nothing between the opening and closing tags. They self-close with a space and forward slash.	
Name	Code
Line break	 
Image	
Horizontal rule	<hr />



## HTML Tags

### Unordered List Example:

```
<ul>  
  <li>List item</li>  
  <li>Next list item</li>  
</ul>
```

### Results:

- List item
- Next list item

---

### Ordered List Example:

```
<ol>  
  <li>Item One</li>  
  <li>Item Two</li>  
</ol>
```

### Results:

1. List item
2. Next list item

---

### Definition List Example:

```
<dl>  
  <dt>Term</dt>  
  <dd>Definition of term above</dd>  
  <dt>Another Term</dt>  
  <dd>Definition of another term above</dd>  
</dl>
```

### Results:

Term  
Definition of term above  
Another Term  
Definition of another term above