(X)HTML TAG REFERENCE

```
<?xml version="1.0" encoding="iso-8859-1"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

Basic Page Structure

```
<html xmlns=http://www.w3.org/1999/xhtml xml:lang="en" lang="en">
  <head>
    <title>Title goes here</title>
  </head>

  <body>
All content goes here...
  </body>

</html>
```

Basic Tags

`<html></html>`
Creates an HTML document

`<head></head>`
Sets off the title and other information that isn't displayed on the Web page itself

`<body></body>`
Sets off the visible portion of the document

Header Tags

`<title></title>`
Puts the name of the document in the title bar

Text Tags

`<strong></strong>`
Creates bold text

`<em></em>`
Creates italic text

`<h1></h1>`
Creates the largest headline

`<h2></h2>`
Creates a large headline

`<h3></h3>`
Creates a medium large headline

`<h4></h4>`
Creates a medium headline

`<h5></h5>`
Creates a normal sized headline

`<h6></h6>`
Creates the smallest headline

Links

`<a href="URL"></a>`
Creates a hyperlink

`<a href="mailto:email"></a>`
Creates a mailto link

`<a name="name"></a>`
Creates a target location within a document

`<a href="#name"></a>`
Links to that target location from elsewhere in the document

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Formatting

`<p></p>`
Creates a new paragraph

`<br />`
Inserts a line break

`<blockquote>`
`</blockquote>`
Indents text from both sides

`<dl></dl>`
Creates a definition list

`<dt>`
Precedes each definition term

`<dd>`
Precedes each definition

`<ol></ol>`
Creates a numbered list

`<li></li>`
Precedes each list item, and adds a number

`<ul></ul>`
Creates a bulleted list

`<div></div>`
A generic tag used to format large blocks of HTML, also used for stylesheets

`<span></span>`
A generic tag used to format small sections of HTML, also used for stylesheets

Graphical Elements

`<img src="filename" />` *or* **`<img src="foldername/filename" />`**
Adds an image OR adds an image in a folder.

`<img src="name" align=?>`
Aligns an image: left, right to align center wrap the image tag inside a <div align="center"></div>

`<hr />`
Inserts a horizontal rule

Tables

`<table></table>`
Creates a table

`<tr></tr>`
Sets off each row in a table

`<td></td>`
Sets off each cell in a row

`<th></th>`
Sets off the table header (a normal cell with bold, centered text)

Cascading Style Sheet

`<link href="mystyles.css" rel="stylesheet" type="text/css" />`
Creates a link to an external style sheet

`h1 { color: #ffffff }`
Basic style example- this style changes all text inside h1 tags white(#ffffff)

`h4 {text-align: center}`
this style centers all text inside h4 tags

`body {background-color: #000000}`
this style changes the background color of the page to black(#000000)

`.bold {font-weight: bold}`
this custom class will turn any text it is applied to bold. You can apply custom classes using div <div class="bold">Bold text</div> Notice the period in front of the class name is not used in the div tag.

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Some Common Mistakes

Common Problem #1: Missing Delimiter
Oooops! That tag just isn't working. The first thing to check is: does it have both the opening (<) and closing (>) delimiters? It's easy to accidentally forget to include a delimiter, or even to delete one as you edit your page.

Common Problem #2: Missing Quotation Mark
Are things just disappearing from your page? Check to be sure that every place you have used an open quote in a tag there is also a closing quote. If a browser doesn't find a closing quote it will think that everything on the page is part of the tag attribute value, rather than content to be displayed.

Common Problem #3: Missing End Tag
Suddenly you have some odd indents. Suddenly all your text is bold. You probably entered an opening tag, but forgot to enter the closing tag.

Common Problem #4: Good Old Typos
The tag isn't working as you expected. Go back to your file and double check for typos. It's not uncommon for a hard-coder to mean to type a <br /> tab and instead slip and type a <bf /> tag. One will create a line break and the other won't create much of anything. In this case, the browser will just ignore the <bf> tag because it doesn't understand it.

Common Problem #5: Broken Images
You have created an image tag but when you look at you page all you see is a little red X or nothing at all. There could be several reasons why your image does not work. Check each of the following.
- Have you saved your image into the correct location?
- Have you included the correct extension? Probably .gif, .jpg or .png
- Have you spelled the filename correctly?
- Will the image open if you double click in the folder view?

Reminders HTML vs. XHTML
You are following the XHTML specifications. There are several important differences between the two specifications. The most important of those are listed below.

Difference #1
ALL tags and attributes must be lowercase. Do not use uppercase tags.

Difference #2
ALL tags must be closed. Tags that do not have a closing component need a forward slash inserted at the end. Example: HTML way
  XHTML way

Difference #3
ALL tags must be properly nested. Example: <div><h1>Title Text</h1></div>

Difference #4
A DTD or Document Type Definition must be specified at the top of each document.
<?xml version="1.0" encoding="iso-8859-1"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns=http://www.w3.org/1999/xhtml xml:lang="en" lang="en">