



HTML

HTML is the place to start if you are serious about the Web.

HyperText Markup Language is not a computer language.

HTML is really a set of codes, and every Web page in the world is done with HTML in one form or another.

A markup language allows you to specify how certain things in a document are going to look. You do that by including codes in what is essentially a text document, just like one you might create in any word processing application.

Why is HTML special?...

HTML is designed for the Web. It is designed to work with nearly any sort of computer, anywhere in the world.

HTML is an open standard. Anyone can use it without paying anybody fees.

HTML is readable to people...not just computers.

HTML incorporates hypertext. It is designed so hypertext is easy to add.

HTML supports multimedia.

Playing Tag...

The **tag** is the basic coding unit in the HTML system. Everything in HTML depends on tags.

Tags are enclosed in angle brackets (<and>). You can write the tags in either uppercase or lowercase letters.

There are two basic types of tags, which we call **containers** and **empty** tags.

Containers are designed to hold something, usually text or other HTML commands. **Empty** tags don't act on anything. Empty tags usually perform a very specific task on their own, without focusing on specific text.

For HTML containers, **every opening tag must have a corresponding closing tag**. Closing tags are the same as opening tags, except that they have a forward slash (/) in front of them.

You don't have to put spaces between HTML codes, nor do you have to use carriage returns.

Every page is the same...

Every Web page you create must contain the same overall structure.

```
<html>
<head>
<title>My Page</title>
</head>
<body>Text, graphics, links
</body>
</html>
```

Create a file with the above codes and save it as a template for each new page you design!

HTML Quick Reference...

Structure Tags...

<!.....>	Creates a comment
<HTML>...</HTML>	Encloses the entire HTML document
<HEAD>...</HEAD>	Encloses the head of the HTML document
<BODY>...</BODY>	Encloses the body text and tags of the HTML document
<ISINDEX>	Indicates the document is a gateway script that allows searches

Headings & Titles

<H1>...</H1>	Headings 1 through 6
<H2>...</H2>	
<H3>...</H3>	
<H4>...</H4>	
<H5>...</H5>	
<H6>...</H6>	

Paragraphs

<P>...</P>	A plain paragraph is optional.
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Links

<A>...	Creates a link or anchor HREF="..." The URL of the document to be linked to this one, NAME="..." The name of the anchor
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Lists

...	An ordered (numbered) list
...	An unordered (bulleted) list
<MENU>...</MENU>	A menu list of items
<DIR>...</DIR>	A directory listing
	A list item
<DL>...</DL>	A definition or glossary list
<DT>	A definition term
<DD>	The corresponding definition to the definition term

Character Formatting

...	Emphasis (usually italic)
...	Stronger emphasis (usually bold)
<CODE>...</CODE>	Code sample (usually Courier)
<KBD>...</KBD>	Text to be typed (usually Courier)

<VAR>...</VAR>	A variable or placeholder for some other value
<SAMP>...</SAMP>	Sample text
<DFN>...</DFN>	A definition of a term
<CITE>...</CITE>	A citation
...	Boldface text
<I>...</I>	Italic text
<TT>...</TT>	Typewriter font

Other Elements

<HR>	A horizontal rule line
 	A line break
<BLOCKQUOTE>...</BLOCKQUOTE>	Used for long quotes or citations
<ADDRESS>...</ADDRESS>	Signatures or general information about a document's author
...	Changes the size of the font for the enclosed text SIZE="..." The size of the font from 1 to 7
<BASEFONT>	Sets the default size of the font for the current page
<BLINK>...</BLINK>	Causes the enclosed text to blink

Images

	Inserts an inline image into the document ISMAP This image is a clickable image map SRC="..." The URL of the image ALT="..." A text string that will be displayed in browsers that cannot support images ALIGN="..." Determines the alignment of the given image VSPACE="..." The space between the image and the text above or below it HSPACE="..." The space between the image and the text to the left or right.
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Tables

<TABLE>...</TABLE>	Creates a table BORDER="..." Indicates whether the table should be drawn with or without a border
<TR>...</TR>	A table row

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