

Syntax

```
<!doctype html> <!-- indicates HTML5-->
<html>
  <head>
    <style>
      <div>...</div>
    </style>
    <title> Title </title>
    <nav> nav bar </nav>
    ...etc...
  </head>
  <body>
    <form action="in c/s cri pt.p hp "
method ="ge t"> <!--or " pos t"-->
    <input type="i npu t-t ype ">
    ...etc...
  </body>
</html>
```

Basic elements

<!DOCTYPE>	Declare document type, <!DOCTYPE HTML> for HTML5
<html></html>	Entire document
<head></head>	Head of document
<title></title>	Title of document
<nav></nav>	Navigation bar
<body></body>	Body of the document
<article></article>	Article
<section></section>	Defines a section
<aside></aside>	Side block

Basic elements (cont)

<footer></footer>	Footer
	Paragraph
<hr>	Horizontal rule
	Defines a section in a document
<!-- comment -->	Insert comments

Formatting text

<h1> to <h6>	Heading levels
 	Line break
text	Bold
text	Bold, but less than
<i>italic</i>	Italics
italic	Emphasis, italics
<blockquote></blockquote>	Quoted text
^{super}	Superscript
	Subscripted
	Small text
<style></style>	Style information--CSS
	Defines a section
<pre></pre>	Preformatted text

UTF-8 is the default char set for HTML5.

HTML char set entities

n space tab	 	 
m space tab	 	 
non-breaking space		
left arrow	←	←



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HTML char set entities (cont)

up arrow	↑	↑
right arrow	→	→
down arrow	↓	↓
black spades	♠	♠
black clubs	♣	♣
black hearts	♥	♥
black diamonds	♦	♦
trademark	™	™
copyright	©	©
right double arrow	»	»
1/4	¼	¼
1/2	½	½
3/4	¾	¾

More character entities on Dave Child's cheat sheet and www.w3-schools.com

Tables

<code><table></table></code>	Defines a table
<code><th></th></code>	Table header cell
<code><tr></tr></code>	Table row
<code><td></td></code>	Table data cell
<code><caption></caption></code>	Defines table caption
<pre> <table> <thead> <tr> <th> first header text </th> <th> second header text </th> </tr> <tbody> <tr> <td> first cell text </td> <td> second cell text </td> </tr> <tr> <td> first cell text </td> <td> second cell text </td> </tr> </tbody> </table> </pre>	

Links and media

<code></code>	defines an image
<code>link</code>	hyperlink anchor
<code><iframe></iframe></code>	inline frame
<code><object></object></code>	imbeds an object
<code><video></video></code>	Insert video content
<code><audio></audio></code>	Insert audio content
<code><embed></embed></code>	Container for interactive content or external application
<code><source></source></code>	Multimedia: audio and video

Ordered list

	Start and end tags	
	List item	
type	Type of numbering	A, a, 1, i, I
start	Starting value	any number

```
<ol>|<ol type="a ">|<ol type="i " start=" 5">
<li> this
<li >that
</o l>
```

Unordered list

<code></code>	Start and end tags	
<code></code>	List item	
type	Type of bullet	disc, square, circle
<code> <ul type="circle"></code>		
<code> this</code>		
<code> that</code>		
<code></code>		



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Definition list

`<dl></dl>` Start and end tags

`<dt>` Term

`<dd>` Definition

```
<dl>
<dt >this
<dd >define this
<dt >that
<dd >define that
</d l>
```

Graphics and forms

Tags within the HEAD element

`<title>` Title of the page

`<meta>` Meta data

`<link>`

`<style>` Can include CSS or a link to a CSS file

`<base>`

`<script>`

`<noscript>`

Use of attributes

TAG **ATTRIBUTES THAT MODIFY THAT TAG**

`<head>` align, title, class, style, id

`<body>` text, bgcolor, background, class, style, id, link, alink, vlink

`<p>` align, class, style, id

`<hr>` align, width, size, color, noshade, class, style, id

General attributes

ATTRIBUTE	DEFINITION	VALUE
align	Horizontally align	right, left, center
valign	Vertically align	top, middle, bottom

General attributes (cont)

color	color	name, numeric, RGB, hex
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bgcolor	Background color	name, numeric, RGB, hex
---------	------------------	-------------------------

background	Background image	URL
------------	------------------	-----

width	Width of image, cells, or tables	numeric
-------	----------------------------------	---------

height	Height of image, cells, or tables	numeric
--------	-----------------------------------	---------

id, class, style	Used in CSS	CSS defined
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text	Color of text	name, numeric, RGB, hex
------	---------------	-------------------------

link	Color of links	name, numeric, RGB, hex
------	----------------	-------------------------

alink	Color of active links	name, numeric, RGB, hex
-------	-----------------------	-------------------------

vlink	Color of visited links	name, numeric, RGB, hex
-------	------------------------	-------------------------

noshade	Removes default shading
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Syntax is usually:

`<tag attribute="value" /tag>`, where *value* must be in quotes.



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