

Syntax

```
<!doctype html> <!-- indicates HTML5-->
<html>
  <head>
    <style>
      <div>...</div>
    </style>
    <title> Title </title>
    <nav> nav bar </nav>
    ...etc...
  </head>
  <body>
    <form action="inc/script.php" method="get"> <!--
or "post"-->
    <input type="input-type">
    ...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
<p> </p>	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> </small>	Small text
<style> </style>	Style information--CSS
<div> </div>	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	←	←

C

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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.w3schools.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

```
<table>
<th> first header text </th><th> second header text
</th>
<tr> <!-- first row -->
<td> first cell text </td><td> second cell text
</td>
</tr>
<tr> <!-- second row -->
<td> first cell text </td><td> second cell text
</td>
</tr>
</table>
```

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

<code></code>	Start and end tags	
<code></code>	List item	
type	Type of numbering	A, a, 1, i, l
start	Starting value	any number

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

Unordered list

<code></code>	Start and end tags	
<code></code>	List item	
type	Type of bullet	disc, square, circle

```
<ul> | <ul type="circle">
<li> this
<li> that
</ul>
```



Definition list

<dl></dl> Start and end tags

<dt> Term

<dd> Definition

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

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

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

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

Syntax is usually:

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

