

HTML

HTML is the core technology of the Web. Hypertext Markup Language (HTML) is structured to markup language used to create Web pages. A markup language like HTML is a collection of text codes, called elements that indicate the structure and format of a document. A user agent, usually a Web browser, interprets the meaning of these codes and renders a Web page appropriately. Many markup tags contain two parts, a beginning and ending tag, others are only a single tag. Everything else in the document is just text. You can add any of following tags to your ValmaWord text.

BASIC TAGS:

The <html> element

It creates an HTML document. (**Always <tag> represents the beginning of a tag and </tag> represents the end of a tag.** As an example <html> represents the beginning of the HTML document, and </html> represents the end of the HTML document. **When you turn on a tag you must also turn it off!!**)

The <head> element

The <head> element contains identification and supplementary information about the document. It sets off the title and other information that is not displayed on the Web page itself.

The <title> element

The <title> element gives an HTML document a title by which it is known to browsers. It is being viewed at the top of the browser window.

Example:

```
<HEAD>
```

```
<TITLE>WELCOME TO MY WEB PAGE</TITLE>
```

```
</HEAD>
```

(On your web page, the text within the TITLE tag "WELCOME TO MY WEB PAGE" shows up on the browser title bar)

The <body bgcolor=?> element

Sets the background color, using name or hex value like FF0000, 000000, 00FF00, red, black, and green respectively.

Example:

`<body bgcolor=green>` or `<body bgcolor=#00FF00>`

(Your web page's background color will be green.)

The `<body text=?>` element

Sets the text color, using name or hex value.

Example:

`<body text=red>` or `<body text=#FF0000>`

(Your web page's text will be red.)

The `<p>` element

Creates a paragraph break.

Example:

`<p>This text is the first paragraph.</p>`

`<p>This text is a new paragraph that goes on and on for quite a while.</p>`

This code will render like this on your web page:

This text is the first paragraph.

This text is a new paragraph that goes on and on for quite a while.

The `<p align=?>` element

Aligns a paragraph to the left, right, or center.

Example:

`<p align="center">This paragraph is centered.</p>`

This code will render like this on your web page:

This paragraph is centered.

**The `
` element**

Inserts a line break.

Example:

`<p>This paragraph contains more than one line.
</br>The second line was created by using the break element.</p>`

Here's how a browser will render this code:

This paragraph contains more than one line.

The second line was created by using the break element.

The `<body background>` element

Inserts a background picture.

Example:

```
<body background=back.gif>
```

The `<marquee>` element

Inserts a marquee (scrolling text) into the website.

Example:

```
<marquee loop="-1" scrollamount="3" width="100%">Welcome to my website..</marquee>
```

Welcome to my website.. will be a scrolling text.

The `` element

Creates a hyperlink and connects to any HTML document anywhere on the Web.

Example:

Click<a href="<http://www.valmaconsult.it>">hereto see ValmaConsult site. "here" will be a hyperlink.

The `` element

Creates a mailto link.

Example:

Click<a href="<mailto:info@valmaconsult.it>">hereto send your comments about my web page.

The `` element

Inserts an image.

Example:

```

```

******Important:** Wherever you save your html file, you should save the images or pictures you want to insert on the same location. Otherwise pictures or images cannot be viewed on your web page. If you save your html file on your "S" drive, images should be saved on "S" drive as well.

The `` , `` and `` elements

 creates a bulleted list.

 creates a numbered list.

In all cases, the list item element is used to define list items.

Example 1:

```
<ul>
  <li>Item 1</li>
  <li>Item 2</li>
  <li>Item 3</li>
</ul>
```

A browser will generally render this code like this:

- Item 1
- Item 2
- Item 3

Example 2:

```
<ol>
  <li>Item 1</li>
  <li>Item 2</li>
  <li>Item 3</li>
</ol>
```

A browser will generally render this code like this:

1. Item 1
2. Item 2
3. Item 3

The <hr> element

Inserts a horizontal rule.

<hr noshade> creates a rule without a shadow.

<hr size=?> sets size (height) of rule.

<hr width=?> sets width of rule, in percentage or absolute value.

Example:

```
<hr size="3" width="750" noshade>
```

This code will create a horizontal rule that is 3 pixels thick, 750 pixels wide, and has no shading effects.

The <table> element

Creates a table.

<tr> sets off each row in a table.

<td> sets off each cell in a row.

<th> sets off the table header.

<table border=#> sets width of border around table cells.

`<td align=?>` sets alignment for cell(s) (left, right, or center)
`<table cellpadding=#>` sets amount of space between a cell's border and its contents.
`<table cellspacing=#>` sets amount of space between table cells.
`<th width=#>` defines the width of the headers.
`<td colspan=#>` sets number of columns a cell should span.
`<td valign=?>` sets vertical alignment for cell(s) (top, middle, or bottom)

Example:

```

<table>
<table border="1" cellpadding="4" cellspacing="0" width="375">

<tr>
  <th width="125">Header 1</th>
  <th width="125">Header 2</th>
  <th width="125">Header 3</th>
</tr>

<tr>
  <td>Default alignment</td>
  <td align="right">Right-aligned</td>
  <td valign="top">Top-aligned</td>
</tr>

<tr>
  <td colspan="3" align="center">This table data cell spans three columns and is center-
aligned.</td>
</tr>
</table>
  
```

A browser will generally render this code like this:

Header 1	Header 2	Header 3
Default alignment	Right-aligned	Top-aligned
This table data cell spans three columns and is center-aligned.		

The `<form>` element

Creates all forms.

1. `<input type="text" name="Name" size=?>` creates a one-line text area. Size sets lengths, in characters.

Example:

```

<p>What is your name?
<form>
<input type="text" name="Name" value="Name" size="20"> (If you do not include
{value="Name"} part, a blank one-line text area will appear on the web page.)
</form>
  
```

A browser will generally render this code like this:

Your Name

2. `<input type="radio" name="Name" value="x">` creates round radio buttons.

Example:

```
<p>What is your favorite color?
```

```
<p><form>
```

```
<input type="radio" name= "color" value="red">Red<br>
<input type="radio" name= "color" value="green">Green<br>
<input type="radio" name= "color" value="blue">Blue<br>
```

```
</form>
```

A browser will generally render this code like this:

What is your favorite color?

Red

Green

Blue

3. `<select name= "NAME">` creates a pulldown menu and allows you to select from some options.

Example:

```
<form>
```

```
<select name= "GENDER"><option>Rather not say<option>Male<option>Female</select>
```

```
</form>
```

4. `<textarea name= "NAME" cols=40 rows=8>` creates a text box area. Columns set the width; rows set the height.

Example:

```
<form>
```

```
<textarea name= "Name" cols=40 rows=8>Type your answer here :</textarea>
```

```
</form>
```

5. `<input type="submit" value= "NAME">` creates a Submit button.

Example:

```
<form>
```

```
<input type="submit" value="Submit">
```

```
</form>
```

6. `<input type="reset" value= "Reset">` creates a Reset button.

Some basic HTML Tags:

`` creates bold text

`<i></i>` creates italic text





`` emphasizes a word (with italic or bold)

`` sets size of font

`<u></u>` underline

HTML Tags Chart

Tag	Name	Code Example	Browser View
<!--	comment	<!--This can be viewed in the HTML part of a document-->	Nothing will show
<A -	anchor	Visit Our Site	Visit Our Site
	bold	Example	Example
<BIG>	big (text)	<BIG>Example</BIG>	Example
<BODY>	body of document	<BODY>The content of your page</BODY>	Contents of your webpage
<BODY BGCOLOR>	Background color	<BODY BGCOLOR=Red>	Red background
<BODY BACKGROUND>	Background picture	<BODY BACKGROUND=image.gif>	Background picture
 	line break	The contents of your page The contents of your page	The contents of your page The contents of your page
<CENTER>	center	<CENTER>This will center your contents</CENTER>	This will center your contents
	emphasis	This is an Example of using the emphasis tag	This is an <i>Example</i> of using the emphasis tag
	font	Example	Example
	font	Example	Example
	font	Example	Example
<FORM>	form	<FORM action="mailto:you@yourdomain.com"> Name: <INPUT name="Name" value="" size="10"> Email: <INPUT name="Email" value="" size="10"> <CENTER><INPUT type="submit"></CENTER> </FORM>	Name: <input type="text"/> Email: <input type="text"/> <input type="submit" value="Submit Query"/>
<H1>	heading 1	<H1>Heading 1 Example</H1>	Heading 1 Example
<H2>	heading 2	<H2>Heading 2 Example</H2>	Heading 2 Example
<H3>	heading 3	<H3>Heading 3 Example</H3>	Heading 3 Example
<H4>	heading 4	<H4>Heading 4 Example</H4>	Heading 4 Example
<H5>	heading 5	<H5>Heading 5 Example</H5>	Heading 5 Example
<H6>	heading 6	<H6>Heading 6 Example</H6>	Heading 6 Example
<HEAD>	heading of document	<HEAD>Contains elements describing the document</HEAD>	Nothing will show
<HR>	horizontal rule	<HR>	Contents of your webpage

			Contents of your webpage <hr/>		
<HR>	horizontal rule	<HR WIDTH="50%" SIZE="3">	Contents of your webpage <hr style="width: 50%; border: 1px solid black;"/> Contents of your webpage		
<HR>	horizontal rule	<HR WIDTH="50%" SIZE="3" NOSHADE>	Contents of your webpage <hr style="width: 50%; border: none; border-top: 1px solid black;"/> Contents of your webpage		
<HR> (Internet Explorer)	horizontal rule	<HR WIDTH="75%" COLOR="#FF0000" SIZE="4">	Contents of your webpage <hr style="width: 75%; border: 2px solid red;"/> Contents of your webpage		
<HR> (Internet Explorer)	horizontal rule	<HR WIDTH="25%" COLOR="#6699FF" SIZE="6">	Contents of your webpage <hr style="width: 25%; border: 3px solid blue;"/> Contents of your webpage		
<HTML>	hypertext markup language	<HTML><HEAD><META><TITLE>Title of your webpage</TITLE></HEAD><BODY>Webpage contents</BODY></HTML>	Contents of your webpage		
<I>	italic	<I>Example</I>	<i>Example</i>		
	image				
<INPUT>	input field	Example 1: <FORM METHOD=post ACTION="/cgi-bin/example.cgi"> <INPUT type="text" size="10" maxlength="30"> <INPUT type="Submit" VALUE="Submit"> </FORM>	Example 1: <input type="text" value=""/> <input type="submit" value="Submit"/>		
<INPUT> (Internet Explorer)	input field	Example 2: <FORM METHOD=post ACTION="/cgi-bin/example.cgi"> <INPUT type="text" STYLE="color: #FFFFFF; font-family: Verdana; font-weight: bold; font-size: 12px; background-color: #72A4D2; size="10" maxlength="30"> <INPUT type="Submit" VALUE="Submit"> </FORM>	Example 2: <input style="background-color: #72A4D2; color: white;" type="text" value=""/> <input type="submit" value="Submit"/>		
<INPUT>	input field	Example 3: <FORM METHOD=post ACTION="/cgi-bin/example.cgi"> <TABLE BORDER="0" CELSPACING="0" CELLPADDING="2"><TR><TD BGCOLOR="#8463FF"><INPUT type="text" size="10" MAXLENGTH="30"></TD><TD BGCOLOR="#8463FF" VALIGN="Middle"> <INPUT type="image" name="submit" src="yourimage.gif"></TD></TR> </TABLE> </FORM>	Example 3: <table border="0" style="border: 2px solid purple;"><tr><td style="background-color: #8463FF; padding: 2px;"><input style="width: 100px; height: 20px;" type="text"/></td><td style="background-color: #8463FF; text-align: center; vertical-align: middle; padding: 2px;"></td></tr></table>	<input style="width: 100px; height: 20px;" type="text"/>	
<input style="width: 100px; height: 20px;" type="text"/>					
<INPUT>	input field	Example 4: <FORM METHOD=post ACTION="/cgi-bin/example.cgi"> Enter Your Comments: <TEXTAREA wrap="virtual" name="Comments" rows=3 cols=20 MAXLENGTH=100></TEXTAREA> <INPUT type="Submit" VALUE="Submit"> <INPUT type="Reset" VALUE="Clear">	Example 4: <div style="border: 1px solid gray; padding: 5px; min-height: 100px;"><p>Enter Your Comments:</p><p> </p><p> </p><p> </p></div> <input type="submit" value="Submit"/> <input type="reset" value="Clear"/>		

		</FORM>	<input type="submit" value="Submit"/> <input type="button" value="Clear"/>
<INPUT>	input field	<p>Example 5:</p> <pre><FORM METHOD=post ACTION="/cgi-bin/example.cgi"> <CENTER> Select an option: <SELECT> <OPTION >option 1 <OPTION SELECTED>option 2 <OPTION>option 3 <OPTION>option 4 <OPTION>option 5 <OPTION>option 6 </SELECT>
 <INPUT type="Submit" VALUE="Submit"></CENTER> </FORM></pre>	<p>Example 5:</p> <p>Select an option: <input type="text" value="option 2"/></p> <input type="button" value="Submit"/>
<INPUT>	input field	<p>Example 6:</p> <pre><FORM METHOD=post ACTION="/cgi-bin/example.cgi"> Select an option:
 <INPUT type="radio" name="option"> Option 1 <INPUT type="radio" name="option" CHECKED> Option 2 <INPUT type="radio" name="option"> Option 3

 Select an option:
 <INPUT type="checkbox" name="selection"> Selection 1 <INPUT type="checkbox" name="selection" CHECKED> Selection 2 <INPUT type="checkbox" name="selection"> Selection 3 <INPUT type="Submit" VALUE="Submit"> </FORM></pre>	<p>Example 6:</p> <p>Select an option:</p> <p><input type="radio"/> Option 1</p> <p><input checked="" type="radio"/> Option 2</p> <p><input type="radio"/> Option 3</p> <p>Select an option:</p> <p><input type="checkbox"/> Selection 1</p> <p><input checked="" type="checkbox"/> Selection 2</p> <p><input type="checkbox"/> Selection 3</p> <input type="button" value="Submit"/>
	list item	<p>Example 1:</p> <pre><MENU> <LI type="disc">List item 1 <LI type="circle">List item 2 <LI type="square">List item 3 </MENU></pre> <p>Example 2:</p> <pre><OL type="i"> List item 1 List item 2 List item 3 List item 4 </pre>	<p>Example 1:</p> <ul style="list-style-type: none"> • List item 1 ○ List item 2 ▪ List item 3 <p>Example 2:</p> <ol style="list-style-type: none"> i. List item 1 ii. List item 2 iii. List item 3 iv. List item 4
<LINK>	link	Visit our http://www.yourdomain.com/ site	Visit our site

<MARQUEE> (Internet Explorer)	scrolling text	<MARQUEE bgcolor="#CCCCCC" loop="-1" scrollamount="2" width="100%">Example Marquee</MARQUEE>	Scrolling "Example Marquee"
	ordered list	<p>Example 1:</p> <pre> List item 1 List item 2 List item 3 List item 4 </pre> <p>Example 2:</p> <pre><OL type="a"> List item 1 List item 2 List item 3 List item 4 </pre>	<p>Example 1:</p> <ol style="list-style-type: none"> 1. List item 1 2. List item 2 3. List item 3 4. List item 4 <p>Example 2:</p> <ol style="list-style-type: none"> a. List item 1 b. List item 2 c. List item 3 d. List item 4
<OPTION>	listbox option	<pre><FORM METHOD=post ACTION="/cgi-bin/example.cgi"> <CENTER> Select an option: <SELECT> <OPTION>option 1 <OPTION SELECTED>option 2 <OPTION>option 3 <OPTION>option 4 <OPTION>option 5 <OPTION>option 6 </SELECT>
 </CENTER> </FORM></pre>	<p>Select an option:</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;"> option 2 </div>
<P>	paragraph	<p>This is an example displaying the use of the paragraph tag. <P> This will create a line break and a space between lines.</p> <p>Attributes:</p> <p>Example 1:

 <P align="left"> This is an example
 displaying the use
 of the paragraph tag.

 Example 2:

 <P align="right"> This is an example
 displaying the use
 of the paragraph tag.

 Example 3:

</p>	<p>This is an example displaying the use of the paragraph tag.</p> <p>This will create a line break and a space between lines.</p> <p>Attributes:</p> <p>Example 1:</p> <p>This is an example displaying the use of the paragraph tag.</p> <p style="text-align: right;">Example 2:</p> <p style="text-align: right;">This is an example displaying the use of the paragraph tag.</p> <p style="text-align: right;">Example 3:</p>

		<p><P align="center"> This is an example
 displaying the use
 of the paragraph tag.</p>	<p>This is an example displaying the use of the paragraph tag.</p>												
<SMALL>	small (text)	<SMALL>Example</SMALL>	Example												
	strong emphasis	Example	Example												
<TABLE>	table	<p>Example 1:</p> <pre><TABLE BORDER="4" CELLPADDING="2" CELLSPACING="2" WIDTH="100%"> <TR> <TD>Column 1</TD> <TD>Column 2</TD> </TR> </TABLE></pre> <p>Example 2: (Internet Explorer)</p> <pre><TABLE BORDER="2" BORDERCOLOR="#336699" CELLPADDING="2" CELLSPACING="2" WIDTH="100%"> <TR> <TD>Column 1</TD> <TD>Column 2</TD> </TR> </TABLE></pre> <p>Example 3:</p> <pre><TABLE CELLPADDING="2" CELLSPACING="2" WIDTH="100%"> <TR> <TD BGCOLOR="#CCCCCC">Column 1</TD> <TD BGCOLOR="#CCCCCC">Column 2</TD> </TR> <TR> <TD>Row 2</TD> <TD>Row 2</TD> </TR> </TABLE></pre>	<p>Example 1:</p> <table border="1"> <tr> <td>Column 1</td> <td>Column 2</td> </tr> </table> <p>Example 2:</p> <table border="2" style="border-color: #336699;"> <tr> <td>Column 1</td> <td>Column 2</td> </tr> </table> <p>Example 3:</p> <table> <tr> <td style="background-color: #cccccc;">Column 1</td> <td style="background-color: #cccccc;">Column 2</td> </tr> <tr> <td>Row 2</td> <td>Row 2</td> </tr> </table>	Column 1	Column 2	Column 1	Column 2	Column 1	Column 2	Row 2	Row 2				
Column 1	Column 2														
Column 1	Column 2														
Column 1	Column 2														
Row 2	Row 2														
<TD>	table data	<pre><TABLE BORDER="2" CELLPADDING="2" CELLSPACING="2" WIDTH="100%"> <TR> <TD>Column 1</TD> <TD>Column 2</TD> </TR> </TABLE></pre>	<table border="1"> <tr> <td>Column 1</td> <td>Column 2</td> </tr> </table>	Column 1	Column 2										
Column 1	Column 2														
<TH>	table header	<pre><DIV align="center"><TABLE> <TR> <TH>Column 1</TH> <TH>Column 2</TH> <TH>Column 3</TH> </TR> <TR> <TD>Row 2</TD></pre>	<table> <tr> <td>Column 1</td> <td>Column 2</td> <td>Column 3</td> </tr> <tr> <td>Row 2</td> <td>Row 2</td> <td>Row 2</td> </tr> <tr> <td>Row 3</td> <td>Row 3</td> <td>Row 3</td> </tr> <tr> <td>Row 4</td> <td>Row 4</td> <td>Row 4</td> </tr> </table>	Column 1	Column 2	Column 3	Row 2	Row 2	Row 2	Row 3	Row 3	Row 3	Row 4	Row 4	Row 4
Column 1	Column 2	Column 3													
Row 2	Row 2	Row 2													
Row 3	Row 3	Row 3													
Row 4	Row 4	Row 4													

		<pre><TD>Row 2</TD> <TD>Row 2</TD> </TR> <TR> <TD>Row 3</TD> <TD>Row 3</TD> <TD>Row 3</TD> </TR> <TR> <TD>Row 4</TD> <TD>Row 4</TD> <TD>Row 4</TD> </TR> </TABLE> </DIV></pre>			
<TITLE>	document title	<TITLE>Title of your webpage</TITLE>	Title of your webpage will be viewable in the title bar.		
<TR>	table row	<pre><TABLE BORDER="2" CELLPADDING="2" CELLSPACING="2" WIDTH="100%"> <TR> <TD>Column 1</TD> <TD>Column 2</TD> </TR> </TABLE></pre>	<table border="1"> <tr> <td>Column 1</td> <td>Column 2</td> </tr> </table>	Column 1	Column 2
Column 1	Column 2				
<TT>	teletype	<TT>Example</TT>	Example		
<U>	underline	<U>Example</U>	<u>Example</u>		
	unordered list	<pre>Example 1:

 List item 1 List item 2
 Example 2:
 <UL type="disc"> List item 1 List item 2 <UL type="circle"> List item 3 List item 4 </pre>	<p>Example 1:</p> <ul style="list-style-type: none"> • List item 1 • List item 2 <p>Example 2:</p> <ul style="list-style-type: none"> • List item 1 • List item 2 <ul style="list-style-type: none"> ○ List item 3 ○ List item 4 		