# Appendix A

HTML COMMAND REFERENCE


REQUIRED <HTML> -2-
REQUIRED <HEAD> -2-
REQUIRED <TITLE> -2-
REQUIRED <BODY> -2-


Note: Forms are in Appendix B, page 15
Note: Frames are in Appendix C, page 17

Attributes are listed alphabetically; see tag/element for related attributes


<!> (Comment) -03-
<a> (anchor, for making links) -03-
<body> (body, contents of main window) -05-
<br> (line break) -06-
<font> (formats text) -06-
<form> (all form related items, appendix B) -15-
<frame> (frame, see appendix C) -17-
<frameset> (frameset, see appendix C) -17-
<H1-H6> (Headlines) -07-
<head> (Computer use portion of web page) -07-
<hr> (horizontal rule, a line across a page) -08-
<html> (contains all parts of web page) -08-
<img> (image) -09-
<li> (list item) -09-
<ol> (ordered/numbered list) -10-
<p> (paragraph) -10-
<table> (table) -12-
<td> (table detail or cell) -12-
<title> (title) -13-
<tr> (table row) -13-
<ul> (unordered/bulleted list) -14-

## Required tags

<HTML>

| | |
|---|---|
| Name | HTML |
| Purpose | used to contain a web page |
| Syntax | <html> … </html> |
| Required tag/attribute | </html> |
| Common parameters | n/a |
| Example | **<html>**<br><head><br><title>*title*</title><br></head><br><body><br>*Web content*<br></body><br>**</html>** |

<HEAD>

| | |
|---|---|
| Name | Head or header |
| Purpose | used to contain a computer use part of page |
| Syntax | <head> … </head> |
| Required tag/attribute | </head> |
| Common parameters | title 'style sheet' meta |
| Example | <html><br>**<head>**<br><title>*title*</title><br>**</head>**<br><body><br>*Web content*<br></body><br></html> |

<TITLE>

| | |
|---|---|
| Name | Title |
| Purpose | used to generate text for title bar |
| Syntax | <title> … </title> |
| Required tag/attribute | </title>; only place within <head>… </head> |
| Common parameters | n/a |
| Example | <html><br><head><br>**<title>***title***</title>**<br></head><br><body><br>*Web content*<br></body><br></html> |

<BODY>

| | |
|---|---|
| Name | Body |
| Purpose | used to contain visible portion of a web page |
| Syntax | <body> … </body> |
| Required tag/attribute | </body> |
| Common parameters | text bgcolor background link vlink alink |
| Example | <html><br><head><br><title>*title*</title><br></head><br>**<body>**<br>*Web content*<br>**</body>**<br></html> |

## Other Tags (Element) and attributes

| |
|---|
| See also W3C online reference<br>Tags (Elements) www.w3.org/TR/html401/index/elements.html<br>Attributes www.w3.org/TR/html401/index/attributes.html |

<!>

| | |
|---|---|
| Name | Comment |
| Purpose | used to insert comments that don't display |
| Syntax | `<!--comment -->` |
| Required tag/attribute | n/a |
| Common parameters | Also used in 'style sheet' |
| Example | `<!--Author: Craig Collins -->`<br><br>*will not appear in the browser window* |

<A>

| | |
|---|---|
| Name | Anchor |
| Purpose | used to create hypertext links |
| Syntax | `<a href="value"> … </a>` |
| Required tag/attribute | `href or name` |
| Common parameters | `target` |
| Example | `<a href="http://www.templejc.edu">TC</a>`<br><br>*will appear as*<br><br><u>TC</u><br><br>and will link to `http://www.templejc.edu` |

align

| | |
|---|---|
| Name | alignment |
| Purpose | Align can be set to left, middle, or right |
| Syntax | `<tag align="`*value*`"` |
| Required tag/attribute | |
| Common parameters | na |
| Example | `<p align="`*right*`">text </p>`<br><br>*the text will align to the right*<br>*May be used with left, center, or right*<br>*May be used with several tags* |

alink

| | |
|---|---|
| Name | Activated link |
| Purpose | <body> attribute used to change the link color when the link is clicked or activated |
| Syntax | <body alink="*value*" |
| Required tag/attribute | <body> </body> |
| Common parameters | na |
| Example | <body alink="*red*"><br><br>*the link color will change when the link is clicked* |

alt

| | |
|---|---|
| Name | Image alternative text for visually challenged |
| Purpose | <img> attribute used set alternative text |
| Syntax | <img src="value" width="value height="value" alt="value"> |
| Required tag/attribute | src, alt |
| Common parameters | height, width |
| Example | Text <br><br><br><br>*will appear as an image 10 pixels high and 50 pixels wide; if you point at the image, the words* alternate text *will appear* |

background

| | |
|---|---|
| Name | Background color |
| Purpose | <body> attribute used to set background image<br>May also modify <table> <tr> <td> |
| Syntax | <body background="*value*" |
| Required tag/attribute | <body> </body> |
| Common parameters | na |
| Example | <body background="*image.jpg*"><br><br>*the picture image.jpg will fill the background of the webpage, if the image is small, the image will repeat until the web pages is covered* |

<BODY>

| | |
|---|---|
| Name | Body |
| Purpose | used to contain visible portion of a web page |
| Syntax | <body> … </body> |
| Required tag/attribute | </body> |
| Common parameters | text bgcolor background link vlink alink |
| Example | <html><br><head><br><title>*title*</title><br></head><br>**<body>**<br>*Web content*<br>**</body>**<br></html> |

bgcolor

| | |
|---|---|
| Name | Background color |
| Purpose | <body> attribute used to set background color<br>May also modify <table> <tr> <td> |
| Syntax | <body background="*value*" |
| Required tag/attribute | <body> </body> |
| Common parameters | na |
| Example | <body bgcolor="red"><br>*or*<br>< body bgcolor="#ff0000"><br><br>*the color red will fill the background of the webpage, if there is a background image, the image will repeat until the color is covered* |

border

| | |
|---|---|
| Name | Table border size |
| Purpose | <table> attribute used to set size of border |
| Syntax | <table border="*value*" |
| Required tag/attribute | <table> </table> |
| Common parameters | na |
| Example | <table border="1"><br><br>*The border can be set from 0 -6 or more pixels* |

<BR>

| | |
|---|---|
| Name | Break |
| Purpose | used to insert line repeatable line breaks |
| Syntax | `<br>` or `<br />` |
| Required tag/attribute | No `</br>` |
| Common parameters | n/a |
| Example | `text <br> text`<br>*displays as*<br>text<br>text |

color

| | |
|---|---|
| Name | Font Color |
| Purpose | `<font>` attribute used to set font color |
| Syntax | `<font color="`*value*`">` text `</face>` |
| Required tag/attribute | `<face> </face>` |
| Common parameters | na |
| Example | `<font color="red"> text </font>`<br><br>*the typeface will change from the default to red* |

face

| | |
|---|---|
| Name | Type face |
| Purpose | `<font>` attribute used to set type face |
| Syntax | `<font face="`*value*`">` text `</face>` |
| Required tag/attribute | `<face> </face>` |
| Common parameters | na |
| Example | `<font face="arial"> text </font>`<br><br>*the typeface will change from the default to Arial if the Arial typeface is installed on the user computer* |

<FONT>

| | |
|---|---|
| Name | Font |
| Purpose | used to modify appearance of text |
| Syntax | `<font …> text </font>` |
| Note | Deprecated tag, HTML 4 uses styles |
| Common parameters | `face` and or `size` and or `color` |
| Example | `<font face="arial" size="2" color="red">`<br>`text <font>`<br>*displays using Arial, one size smaller, and red:*<br>text |

<H1>-<H6>

| | |
|---|---|
| Name | Headline |
| Purpose | Headlines are bold, a different size, with breaks |
| Syntax | <h*x*> … </h*x*> where *x* is 1, 2, 3, 4, 5 or 6 |
| Required tag/attribute | </h*x*> |
| Common parameters | n/a |
| Example | Text <h2> text </h2> text<br>*displays as*<br>text<br>**text**<br>text |

<HEAD>

| | |
|---|---|
| Name | Head or header |
| Purpose | used to contain a computer use part of page |
| Syntax | <head> … </head> |
| Required tag/attribute | </head> |
| Common parameters | title 'style sheet' meta |
| Example | <html><br>**<head>**<br><title>*title*</title><br>**</head>**<br><body><br>*Web content*<br></body><br></html> |

height

| | |
|---|---|
| Name | Image or table height |
| Purpose | <img> attribute used to set height |
| Syntax | <img src="value" width="value height="value" alt="value"> |
| Required tag/attribute | alt |
| Common parameters | width |
| Example | Text <br><br><br><br>*will appear as an image 10 pixels high and 50 pixels wide; if you point at the image, the words* alternate text *will appear*<br><br>*Can also modify height of table, tr, or td*<br>*May also be used with %* |

href

| | |
|---|---|
| Name | Anchor's hypertext reference |
| Purpose | <a> attribute used to point to link site |
| Syntax | <a href="value"> … </a> |
| Required tag/attribute | <a> … </a> |
| Common parameters | target |
| Example | <a href="http://www.templejc.edu">TC</a> |

<HR>

| | |
|---|---|
| Name | Horizontal Rule |
| Purpose | used to create a line across the web page |
| Syntax | Text <hr> text |
| Required tag/attribute | n/a |
| Common parameters | n/a |
| Example | Text <hr> text<br><br>*displays as*<br><br>Text<br>————————————————————————————<br><br>text |

<HTML>

| | |
|---|---|
| Name | HTML |
| Purpose | used to contain a web page |
| Syntax | <html> … </html> |
| Required tag/attribute | </html> |
| Common parameters | n/a |
| Example | **<html>**<br><head><br><title>*title*</title><br></head><br><body><br>*Web content*<br></body><br>**</html>** |

<IMG>

| | |
|---|---|
| Name | Image |
| Purpose | used to insert an image |
| Syntax | <img src="value" width="value height="value" alt="value"> |
| Required tag/attribute | src, alt |
| Common parameters | height, width, alt |
| Example | Text <br><br><br><br>*will appear as an image 10 pixels high and 50 pixels wide; if you point at the image, the words* alternate text *will appear* |

<LI>

| | |
|---|---|
| Name | List Item |
| Purpose | to insert an bulleted or numbered item into a list |
| Syntax | <OL><br><LI>List Item [</LI> is optional]<br></OL> |
| Required tag/attribute | <OL> … </OL> or <UL> … </UL> |
| Common parameters | n/a |
| Example | <OL><br><LI>First List Item<br><LI>Second List Item<br></OL><br><br>*displays as*<br><br>1. First List Item<br>2. Second List Item |

link

| | |
|---|---|
| Name | Default Link color |
| Purpose | <body> attribute used to set link color |
| Syntax | <body link="*value*" |
| Required tag/attribute | <body> </body> |
| Common parameters | na |
| Example | <body link="*red*"><br><br>*default color for a link that has not been clicked* |

name

| | |
|---|---|
| Name | Anchor name |
| Purpose | <a> attribute used to create named bookmakr |
| Syntax | <a name="value"> [optional] </a> |
| Required tag/attribute | n/a |
| Common parameters | n/a |
| Example | <a name="topp"> </a> |

<OL>

| | |
|---|---|
| Name | Ordered List |
| Purpose | to create a numbered list |
| Syntax | <OL><br><LI>List Item [</LI> is optional]<br></OL> |
| Required tag/attribute | </OL> and <LI> |
| Common parameters | n/a |
| Example | <OL><br><LI>First List Item<br><LI>Second List Item<br></OL><br><br>*displays as*<br><br>1. First List Item<br>2. Second List Item |

<P>

| | |
|---|---|
| Name | Paragraph |
| Purpose | To add space before and after text |
| Syntax | <P>Text</P> |
| Required tag/attribute | </P> |
| Common parameters | n/a |
| Example | <P><br>This info will be separated from text above and below<br></P> |

size

| | |
|---|---|
| Name | Font size |
| Purpose | <font> attribute used to set type size |
| Syntax | <font size="*value*"> text </face> |
| Required tag/attribute | <face> </face> |
| Common parameters | na |
| Example | <font size="+1"> text </font><br><br>*the typeface will change from the default to one size larger than default; may also use – (minus)*<br><br><font size="1"> text </font><br><br>*the typeface will change from the default (3) to size 1(extra small); range is 1-6* |

src

| | |
|---|---|
| Name | Image source |
| Purpose | <img> attribute used to point to filename |
| Syntax | <img src="value" width="value height="value" alt="value"> |
| Required tag/attribute | alt |
| Common parameters | height, width |
| Example | Text <br><br><img src="filename" height="10" width="50" alt="alternative text"><br><br>*will appear as an image 10 pixels high and 50 pixels wide; if you point at the image, the words* alternate text *will appear* |

<TABLE>

| | |
|---|---|
| Name | Table |
| Purpose | used to organize info into rows and columns |
| Syntax | <table border="value” width="value"> |
| Required tag/attribute | <TR><TD> |
| Common parameters | border, width |
| Example | <table border=”1” width=”50%”><br><tr><br><td>X<td><td>0</td><br></tr><br></table><br><br>Creates a one row (tr) table that contains 2 table details or cells (td) that has a thin border and occupies 50% of the available space<br><br>x \| o |

target

| | |
|---|---|
| Name | target |
| Purpose | <a> attribute used to point to named location |
| Syntax | <a href=“value” target=“value”> … </a> |
| Required tag/attribute | n/a |
| Common parameters | target |
| Example | <a href=“page1.htm” target=“#topp”>TC</a> |

<TD>

| | |
|---|---|
| Name | Table detail, or cell |
| Purpose | used to subdivide a row into cells |
| Syntax | <td> content /td> |
| Required tag/attribute | <TABLE><TR> |
| Common parameters | bgcolor, background, width |
| Example | <table border=”1” width=”50%”><br><tr><br><td>X<td><td>0</td><br></tr><br></table><br><br>x \| o |

text

| | |
|---|---|
| Name | Body color color |
| Purpose | <body> attribute used to set text color |
| Syntax | <body text="*value*" |
| Required tag/attribute | <body> </body> |
| Common parameters | na |
| Example | <body text="red"><br>*or*<br>< body bgcolor="#ff0000"><br><br>*the color red will be used for all unmodified text* |

<TITLE>

| | |
|---|---|
| Name | Title |
| Purpose | used to generate text for title bar |
| Syntax | <title> … </title> |
| Required tag/attribute | </title>; only place within <head>… </head> |
| Common parameters | n/a |
| Example | <html><br><head><br>**<title>***title***</title>**<br></head><br><body><br>*Web content*<br></body><br></html><br><br>*The word title will appear on the title bar* |

<TR>

| | |
|---|---|
| Name | Table row |
| Purpose | used to subdivide a table into rows |
| Syntax | <tr> <td>content </td></td> |
| Required tag/attribute | <TABLE><TD> |
| Common parameters | bgcolor, background, width |
| Example | <table border="1" width="50%"><br><tr><br><td>X<td><td>0</td><br></tr><br></table><br><br>X \| O |

<UL>

| | |
|---|---|
| Name | *Un*Ordered List |
| Purpose | to create a bulleted list |
| Syntax | <UL><br><LI>List Item [</LI> is optional]<br></UL> |
| Required tag/attribute | </UL> and <LI> |
| Common parameters | n/a |
| Example | <UL><br><LI>First List Item<br><LI>Second List Item<br></UL><br><br>*displays as*<br><br>• First List Item<br>• Second List Item |

vlink

| | |
|---|---|
| Name | Visited Link color |
| Purpose | <body> attribute used to set visited links color |
| Syntax | <body vlink="*value*" |
| Required tag/attribute | <body> </body> |
| Common parameters | na |
| Example | <body vlink="*red*"><br>*sets color for a link that has already been clicked* |

width

| | |
|---|---|
| Name | Image width |
| Purpose | <img> attribute used to set width |
| Syntax | <img src="value" width="value<br>height="value" alt="value"> |
| Required tag/attribute | alt |
| Common parameters | height |
| Example | Text <br><br><br><br>*will appear as an image 10 pixels high and 50 pixels wide; if you point at the image, the words* alternate text *will appear*<br><br>*May also be used with %*<br>*May also be used with tables* |

# Appendix B

FORMS, see Overview 11

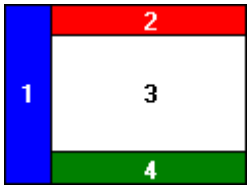
```
<html>
<head><title>Your Title</title></head>
<body …>
<a href="../index.html">To Home</a>

<form action="http://studentweb.templejc.edu/imed1316/cgi-
bin/FormValues.asp"
        method="post">

<!--alternate action=: "mailto:email address"-->
<!--alternate method: "get"-->

text<input type="text" name="item">

<!--each field should have a unique name-->
<br>

text<textarea name="item1"
rows="3" cols="10">
</textarea>
<br>


<input type="radio" name="item2" value="something">text<br>
<input type="radio" name="item2" value="something else">text
<!--for radio only, the fields share the same name-->
<br>

<input type="checkbox" name="item3a">text<br>
<input type="checkbox" name="item3b">text
<br>

<SELECT SIZE="3" name="item4">
<OPTION VALUE="1">text
<OPTION VALUE="2">text
<OPTION SELECTED VALUE="3">text
</SELECT>
<br>

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


</form>
</body>
</html>
```

Notes:

# Appendix C

FRAMES, See Overview 10

<FRAMESET>

| | |
|---|---|
| Name | Creates a web page that displays multiple pages |
| Purpose | Carves out space in a framed web page |
| Syntax | <FRAMESET [rows or cols]="Value"><br><FRAME SRC="value"><br></FRAMESET> |
| Required tag/attribute | <FRAME></FRAMESET> |
| Common parameters | Rows or cols |
| Example | <FRAMESET ROWS="20%, *"><br><FRAME SRC="white.htm"><br><FRAME SRC="black.htm"><br></FRAMESET><br><br>*Frameset creates two spaces, one 20% of the screen, the other (*) occupies the remaining space that would look similar to*<br><br> <br><br>*Frame determines which web pages go in the spaces*<br><br>*Note: a frameset can be further carved up with additional framesets*<br>  <br><br><HTML><br><FRAMESET COLS="20%, *"><br><FRAME SRC="frame1.htm"><br><FRAMESET ROWS="20%, *, 20%"><br><FRAME SRC="frame2.htm" name="topframe">  <br><FRAME SRC="frame3.htm" name="middleframe">  <br><FRAME SRC="frame4.htm" name="bottomframe">  <br></FRAMESET><br></FRAMESET><br></HTML> |

<FRAME>

| | |
|---|---|
| Name | Creates a web page that displays multiple pages |
| Purpose | Populates a space within a framed web page |
| Syntax | <FRAMESET [rows or cols]=”Value”><br><FRAME SRC=”value”><br></FRAMESET> |
| Required tag/attribute | <FRAMESET></FRAMESET> SRC |
| Common parameters | name |
| Example | <FRAMESET ROWS="20%, *"><br><FRAME SRC="white.htm" name=”left-side”><br><FRAME SRC="black.htm" ><br></FRAMESET><br><br>*Frame is used to fill the two spaces created by frameset*<br><br> <br><br>(To open a web page within a named frame, use target) |