

# HTML

## John Strange

### EDM 310

The HTML (web site) project consists of a personal web site that each student will develop and which will be placed on the World Wide Web. The web site must consist of at least 14 pages. It **MUST** be written in HTML. It must contain links to all pages in the project and at least 3 links to external web sites or pages. It must contain at least one digital image (picture or graphic) on all 14 pages. Storyboards must be prepared for all sites and must be approved by me before you get highly involved in the production of your web site.

### General Instructions:

For technical reasons, you must write your HTML pages in a VERY SIMPLE word processing program. On Windows that is Notebook. On the Mac it is SimpleText.

You **MUST** follow these rules for naming and saving ALL PAGES AND ALL IMAGES:

- use only **lower case** letters or numbers
- do **NOT** use spaces or special characters in names - only letters and numbers.
- be sure all of your HTML pages end in **.html** You must be sure that .html is added to the HTML page name.
- You **MUST** name the page to open when someone accesses your site **index.html** Start your project with that in mind so you do not have to go back and make a lot of changes.
- all images must end in **.jpg** or **.gif** **If you scan pictures, they will be .jpg** Images downloaded from the web may be .gif or .jpg. If they are some other type you cannot use them.
- You **MUST** reduce the size of all images (using Photoshop or Photoshop) to 72 dpi and the correct physical size. the goal is for no image file to exceed 20K unless there is a specific reason to do so. Using SaveForWeb is very important (see separate instructions for using Photoshop and/or elements).

ALL PAGES AND IMAGES must be in a single folder (and no other folders inside). The folder must be named yourLastName in **lower case** letters (e.g.. strange). Nothing else will do! **ALSO** remove all items not needed for your web site.

### TAGS useful for a student project:

NOTE: Almost all (but not all) tags require an ending tag. Most are two tags, e.g. <title> </title>. Some are combined into one <br /> which is a line break.

A few tags have no end tag, e.g. <hr> which is horizontal rule.

End tags are not included in the following list (unless they are combined)

<html LANG="en"> Declares a document to be an html document and written in English

<head> The first of two "sections" of an html page usually present on a page. <head> is always present.

<title>Appears at the top of the page or window when displayed in a browser

<body color="#FFFFFF"> The section of an html page which contains the page content (in most cases). The color attribute expressed in hexadecimal code. In this instance the color is pure white.

<h2> Or some other number 1-7. A header can be considered to be a headline

<p>paragraph

<b>Bold

<i>Italics

<u>Underline

<font color="#FF00CC"> also will have modifiers. We will use only to set color although

modifiers have other uses.

`<a href="http://www.johnstrange.com/">` Anchor. Has three major uses. 1)Creates hypertext "buttons" and establishes page to open. 2)Automatically goes to a specified portion of the page on which the anchor is located. 3)is used to create an automatic opening of an e-mail document. We will probably cover only 1.

`<ul>`Unordered list. There are other kinds of lists. We will cover only `<ul>`

`<li>`list item in a list (unordered or other)

`<table>`A very useful tool in placing things where you want them

`<tr>`Table Row

`<td>`A cell in the table

`<br />`Break (Line break)

`<hr>` horizontal rule

``

`<!--` A comment goes here. The computer will ignore all within this tag. Note that the dashes must precede and then follow spaces. `-->`

`<center>` Centers something

A sample of a complete (3 page) web site follows.

### Sample **index.html** page:

```
<HTML LANG="en">
```

```
<HEAD>
```

```
<TITLE> Jeannine's Home Page</TITLE>
```

```
</HEAD>
```

```
<BODY BGCOLOR="#ccffcc">
```

```
<CENTER>
```

```
<H2><FONT COLOR="#336600">Welcome to Jeannine's Home Page</FONT></H2>
```

```
</CENTER>
```

```
<P> IN EDM 310, Dr. Strange wanted me to teach you how easy it is to write your own web page.</p>
```

```
<P>This is the first page of my web site.</p>
```

```
<HR>
```

```
<br />
```

```
<br />
```

```
<A HREF="second.html"> This link takes you to my second page.</A>
```

```
<br />
```

```
<A HREF="third.html"> This link takes you to my THIRD Page.</A>
```

```
<br />
```

```
<A HREF="http://www.johnstrange.com"> This link takes you to Dr. Strange web page.</A>
```

```
<br />
```

```
<A HREF="http://www.websolutionsco.com"> This link takes you to my web site.</A>
```

```
<br />
```

```
</BODY>
```

```
</HTML>
```

### Sample **second.html** page:

```
<HTML LANG="en">
```

```
<HEAD>
```

```
<TITLE> Jeannine's Second Page</TITLE>
```

```
</HEAD>
```

```
<BODY BGCOLOR="#ffffff">
```

```
<CENTER>
```

```

<H2><FONT COLOR="#336600">Welcome to Jeannine's Second Page</FONT></H2>
<IMG SRC="blakely.jpg" ALIGN="middle" WIDTH="300" BORDER="5" ALT="blakely
trees"> <!-- NOTE: You should NEVER set both height and width in an html
statement. It is PREFERRED that you use neither and create an image the
appropriate physical size so that the computer does not have to interpolate
the image. -->
<P> On this page I would like to show you how to insert an image.
</CENTER>
<br />
<br />
<HR>
<br />
<br />
<A HREF="index.html"> This link takes you back to the first page, called
the Home Page.</A>
<br />
<A HREF="third.html"> This link takes you to my THIRD Page.</A>
<br />
<A HREF="http://www.johnstrange.com"> This link takes you to Dr. Strange
web page.</A>
<br />
<A HREF="http://www.websolutionsco.com"> This link takes you to my web
site.</A>
<br />
</BODY>
</HTML>

```

Sample **third.html** page.

```

<HTML LANG="en">
<HEAD>
<TITLE> Jeannine's Third Page</TITLE>
</HEAD>
<BODY BGCOLOR="#ffffff">
<CENTER>
<H2><FONT COLOR="#336600">Welcome to Jeannine's Third Page</FONT></H2>
</CENTER>
<br />
<br />
<HR>
<br />
<br />
<A HREF="index.html"> This link takes you back to the first page, called
the Home Page.</A>
<br />
<A HREF="second.html"> This link takes you to my second page.</A>
<br />
<A HREF="http://www.johnstrange.com"> This link takes you to Dr. Strange
web page.</A>
<br />
<A HREF="http://www.websolutionsco.com"> This link takes you to my web
site.</A>
<br />
</BODY>
</HTML>

```

**NOTE:**

The above sample pages do not meet all of the requirements that you have to meet, but they demonstrate the general approach you must take. Since Jeannine used the image "blakely.jpg" on second.html (her second page), that image along with her three html pages would have to be in a single folder named her last name (lower case).