

Lesson 2 – Links and Images

Links – <a> (inline element)

Adding a link uses the <a> or anchor tag. But this is just the base of it you will need to add an attribute to the tag to instruct it where to go.

Example

http://www.sva.edu

Tag		Description
<a>		The <a> tag defines an anchor. An anchor can be used in two ways: 1. To create a link to another document by using the href attribute 2. To create a bookmark inside a document, by using the name or id attribute
Attributes	Value	Description
href=""	URL	The target URL of the link
name	section_name	Names an anchor. Use this attribute to create a bookmark in a document.
target	_blank	Where to open the target URL. <ul style="list-style-type: none">• _blank - the target URL will open in a new window

SVA

Linking to a file in the same folder

When you link to a file that is in the same folder just add the file name to the HREF attribute.

`Link Text`

Linking to a file in a subfolder

When linking to a file in a subfolder you need to declare what folder you are navigating to then add the file.

`Link Text`

Linking to a file in a parent folder

When linking a file in a parent folder you need to add "../" for each folder you want to navigate up. You do not need the folder name when navigating up.

`Link Text`

Linking to an outside site

When linking to an outside site you need to add the full URL including the http://.

`Link Text`

Linking to a point with a page.

The link add the "#" that says look on the page for a A tag with a name that matches the text after the #.

`Link to section`

The point on the page you are linking to.

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Example

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Images

HTML allows for the embedding of images in to a HTML page.

Formats

There are 3 image types that are supported by current browsers.

- GIF – Limited to 256 Colors but one color can be transparent.

- Used for Text based images ie Logos or headers
- JPG – Allows for Millions of colors compressed.
 - Most commonly used for photos
- PNG – Like the JPG but allows for or different opacities.
 - Supported by all newer browsers after IE 6

Transparency

Transparency is an important for two reasons. They allow for complex designs by layers images. They also allow for non-rectangular designs.

The only image type that support transparency are GIF and PNG.

Transparency must be done at the time of creation.

Animation

GIF are able to display multiple images with in the same saved files.

Images -

The image tag is an example of a "self closing tag". This mean that we mush close the opening tag by adding the "/" at the end of the tag.

Example:

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Adding the Alt Attribute

HTML requires that you add an alt attribute to all images tags. This attribute is used persons with visual impairments and use screen readers to view the internet. If there is text with in an image that text must be placed with the alt attribute. While the attribute is required there is no need to place text within the value unless there is text on the image. This can be a little misleading.

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Tag	Description
	The image tag
Attributes	Values
src <i>*required</i>	The source of the image that you want to place on the page. src="logo.gif"
alt <i>*required</i>	The alt tag is where you can put text that will show up when the image is loading or when the user hovers the mouse over that image. alt="SVA logo"
title	Displays the value of the attribute in a small box over the image when the mouse hovers over the image. title="SVA - HTML"

EXAMPLE

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