HTML/CSS Course - Handout

What is a HTML tag?

A HTML page contains many tags. Each tag has a start tag and an end tag. In some cases, you can tell the start tag that it should be an end tag at the same time. Tags can also be encapsulated within other tags.

<*tag***>**	Starts a HTML tag
</*tag***>**	Ends a HTML tag
<*tag* **/>**	Starts and ends a HTML tag
<*tag* **attribute1="value1"**></*div*>	A HTML tag with attribute name attribute1 and attribute value value1

Common HTML tags

<html>		Wraps all tags for this page. It is our root tag.
<body>		Contains the actual website html tags
<p>	** **This is my content** **	Displays a block text. It adds spacing on the top and bottom.
** **	Test** **on a new line	Adds a line break
<h1> … **<h6>**	** **I am the second biggest headline** **	Displays a heading. This ranges from h1 to h6 with h1 being the most important header of the document (header with biggest font size).
<div>	** **Test** **	This is a block tag. It has no special styling except that everything after the block starts in the line below. It can have CSS width and height.

<img>	**<img** src="./cat.jpg" **/>**	Displays an image. The <u>src</u> attribute tells the browser where to find the image.

Adding some basic CSS

Each tag can have a style attribute. We can write some CSS as the value for the style attribute.

<tag **style="color: red;"**></tag>

Each CSS attribute has a name followed by a **:** (colon) then the value. If we end each definition with a **;** (semicolon), we can put multiple CSS stylings in one tag.

Common CSS attributes

color	color: red; color: #90C3D4;	*Sets the text color.* You can use color names for the common colors or a HEX Code.
background-color	background-color: red; background-color: #90C3D4;	*Sets the background color.* You can use color names for the most common colors or a HEX Code.
width	width: 200px;	*Sets the width of an element.* This works best for <u>div</u> and <u>img</u> elements.
height	height: 200px;	*Sets the height of an element.* This also works best for <u>div</u> and <u>img</u> elements.
font-size	font-size: 30px;	*Sets the text size.*

More information

If you get stuck or you want to learn more, use the Internet. Below are some good starting points if you get stuck at any stage.

- http://www.w3schools.com/html/default.asp
- http://www.w3schools.com/css/default.asp