

HTML Basics

SJT Codes

Objectives

- * You will:
 - * Use a text editor to create an HTML document
 - * Learn basic tags
 - * Create hyperlinks
 - * Create an email link
 - * Add images
 - * Add tables
 - * Apply colors

What is HTML

- * Tells a computer how to display a web page
- * HTML: **H**yper **T**ext **M**arkup **L**anguage
- * Markups tell browser how to display page
- * Must include .htm (old style) or .html (new style)

Exercise 1

- * Create a 'HTML' folder in your documents.
- * Everything gets saved to this folder.
- * All files are saved as xy_docname.html where xy is your initials and docname is the assignment name.



Exercise 1

- * Open a text editor (Wordpad) and type:

<html>

<head>

<title>Coding is Fun</title>

</head>

<body>

I am coding my <i>first</i> web page

</body>

</html>

Exercise 1

- * Save the file as xy_exercise1.html where xy is your initials.
 - * Example: jf_exercise1.html
- * Open a browser.
- * Select Open.
- * Find your saved document.

Exercise 1

- * What did you just do?

- * You made a skeleton document.

- * Minimum required information:

- `<html></html>`: the start and end of a an html document

- `<head></head>`: header information

- `<title></title>`: title of your document

- `<body></body>`: text of document

Exercise 1

- * View the source.
 - * From your browser, select View>Source
- * What do you see?

HTML Tags

- * Used to mark-up elements
- * Surrounded by angle brackets < and >
- * Written in pairs, <i> and </i>
- * First tag is start, second is end
- * Content goes between
- * Not case sensitive, <i> is the same as <I>

HTML Elements

- * This is an HTML element:

`<i>first</i>`

The element begins with the start tag: `<i>`

The content is: first

The element ends with the end tag: `</i>`

- * Purpose is to define text as italicized

HTML Elements

- * This is also an element:

`<body>`

I am coding my `<i>first</i>` web page

`</body>`

- * Begins with `<body>` and ends with `</body>`

Nested Tags

- * Previous example with `<body>` also contains other tags... `<i>`
- * When you enclose elements with multiple tags, the last tag opened should be the first one closed.

`<p>THIS IS WRONG</p>`

`<p>THIS IS CORRECT</p>`

Assignment

- * Edit your xy_exercise1.html to write a paragraph summarizing your experience with HTML.
- * You are to only use the tags we have discussed up to now.

