

<!--DES 117 2015>

<!--In class exercise: html5 Reference // Due at the end of today's class // dropoff folder name.html

## html5 Reference

Goal: Create a simple reference page to explore basic tag structure for text markup.

Open TextWrangler or notepad (win) and start a new html document

Save the document as html5ref.html in a folder on the desktop titled *yourUCD-EmailName\_web*. This is now your web folder. Make sure you save back-ups of it.

Add markup and content as detailed below. **Make sure to type small sections in the code and then check what is happening in a browser.** This is very important to understanding the coding process and catching errors as they happen. Do not copy from the PDF. There are symbols that will cause errors.

Type the following:

```
<!DOCTYPE html>
<!--=====lastName, firstName, DES 117, html5Ref-->
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <title>HTML Reference Page</title>
</head>

<body>

  <!--begin header content-->
  <header>
    <h1>HTML Reference</h1>
  </header>
  <!-- end header content-->

  <section>
    <p>This is a paragraph of text. <code>&lt;p>&gt;</code> is a structural
    block level tag that has a break above it and below it automatically. I can
    just go on and on but I better finish this exercise right now.</p>

    <p style="width:5in;">If I wanted to control the width of a paragraph so
    that it doesn't go on and on and on and become difficult on the reader, I can
    use a local style to set the width of the paragraph. In general people like to
    read 7-9 words per line. There are more rules to it than that, but I will leave
```

that to what I will learn later in the class for right now&mdash;I am just making a quick reference. Remember html reads only one space and no returns. Formatting text will make more sense with `<code>css</code>`.

`<code>html5</code>` is pretty darn limited! Even if I type in a bunch of spaces here, they won't show in the browser window.</p>

</section>

<!--begin information on h tags-->

<header>

<h2>Headers are bigger and bolder block level tags:</h2>

</header>

<p>They are used for dividing the page using visual hierarchy, an important concept for making pages reader-friendly and search-engine friendly!</p>

<h1>Header, level 1</h1>

<h2>Header, level 2</h2>

<h3>Header, level 3</h3>

<h4>Header, level 4</h4>

<h5>Header, level 5</h5>

<h6>Header, level 6</h6>

<!--end information on h tags-->

<!--begin phrasing content tags content-->

<section>

<header>

<h2>Now for some phrasing content fun:</h2>

</header>

<p>How do you like me now? I can make text <strong>strong</strong>, or with <em>emphasis</em>. Yippeeeeeee!</p>

<p><code>&lt;strong&gt;</code> and <code>&lt;em&gt;</code> are called phrasing content tags.</p>

<p>If I wanted to seem<br /> bro<br /> k<br />en<br /> I might use a lot of break tags, but if I wanted to seem</p>

<pre>

poetically  
space  
ed out  
I just might show you that I know the pre tag!</pre>

<p>I've heard it gets more fun with <code>css</code>, but in the  
meantime I'm going to tell you what <cite>Albert Einstein</cite> says  
about creativity:</p>

<blockquote>Problems cannot be solved by the same level of thinking that  
created them.</blockquote>

</section>

<!--end phrasing content tags content-->

<!--begin lists use your unique/personal favorite foods and pet names-->

<section>

<header>

<h3>Here is an unordered list of my favorite foods:</h3>

</header>

<ul>

<li>chocolate</li>

<li>chocolate</li>

<li>chocolate</li>

<li>chocolate</li>

<li>sushi</li>

</ul>

<header>

<h3>Here is an ordered list of my pets:</h3>

</header>

<ol>

<li>Annie</li>

<li>Abby</li>

<li>Sophie</li>

<li>No Cats</li>

</ol>

</section>

<!--end lists-->

<!--close the body-->

</body>

<!--close the html-->

</html>

**validate**

Validate your page (<http://validator.w3.org/> or use the link from our class website) and fix any errors. Validators will check for errors.

**note**

Change the content of the list items to describe yourself, not me  
You will upload this file, linked from your portal, next week

**submit**

Save and print a digital copy for your future reference. For exercise credit, put a copy of the complete file with your name in the dropbox.  
*smith\_htmlref.html*