HTML Training Exercises (created Feb. 2010 by J. Robey)

Getting Started, Part One – Getting the Files!

1.) On your "Start" menu, select "My Computer."
2.) Navigate to S:\IT and find the folder "**HTML Training**." Copy this folder to your desktop.
3.) Close S:\IT and double-click the HTML Training folder on your desktop to open it. Go "Ooh" and "Aah" over the wonders of technology.
4.) Right-click on the file "**solution.html**" and select "**Open With > Internet Explorer**."
5.) Behold! Only the awesomest web page EVER! This is what we're going to build. Admire its splendor for a few minutes, then close Explorer.

Getting Started, Part Two – Creating the Skeleton

1.) In the HTML Training folder, right-click on "**working.html**" and select "**Open With > Wordpad**." This is where we'll be doing the rest of the exercises; by the end, it will look just like "solution.html."
2.) Again in the HTML Training folder, right-click on "**working.html**" but this time select "**Open With > Internet Explorer**." Notice the phrase "<!-- PUT TITLE HERE -->" where the title should be.
3.) In WordPad, find the phrase "**<!-- PUT TITLE HERE -->**" and replace it with the phrase "**Circle HTML Training**." Save your work.
4.) In IE, click the "refresh" button (or hit F5). Boggle as the page title magically changes!

Getting Started, Part Three – Attach a Stylesheet

1.) In WordPad, find the phrase "**<!-- stylesheet link goes here -->**"
2.) In the blank space under it, type the following and save your work:

```
<link href="stylesheet/training_basicstyles.css" rel="stylesheet" type="text/css" />
```

3.) In IE, click the "refresh" button (or hit F5) and notice the difference.

Tags

1.) In WordPad, find the phrase "**<!-- TAGS Exercise here -->**".
2.) In the blank space under that, type in the following, and then save your work:

```
<div id="tag_code">
  <pre>
        <strong>&lt;p&gt;</strong>        <em>&lt;!-- opening tag! --&gt;</em>
            This is a sample of
            real HTML!<strong>&lt;br /&gt;</strong> <em>&lt;!-- self-closing tag! --&gt;</em>

            <strong>&lt;strong&gt;</strong>Isn<strong>&rsquo;</strong>t
            that exciting?<strong>&lt;/strong&gt;</strong>
        <strong>&lt;/p&gt;</strong>        <em>&lt;!-- closing tag! --&gt;</em>
    </pre>
</div>
```

3.) In IE, click "refresh" (or hit F5) to see what this looks like.
4.) Where do you suppose that border came from?

Tag Display

1.) In WordPad, find the phrase "**<!-- TAG DISPLAY Exercise here -->**"

2.) In the blank space under that, type in the following, and then save your work:

```
<div id="tag_display">
    <p>                  <!-- opening tag! -->
        This is a sample of
        real HTML!<br /> <!-- self-closing tag! -->

        <strong>Isn&rsquo;t
        that exciting?</strong>
    </p>      <!-- closing tag! -->
</div>
```

3.) In IE, click "refresh" (or hit F5) to see what this looks like.

Block vs. Inline

1.) In WordPad, find the phrase "**<!-- BLOCK VS. INLINE Exercise here -->**"
2.) In the blank space under that, type in the following, and then save your work:

```
<p style="margin-bottom: 200px;">Go to <a href="#block_vs_inline">block_vs_inline</a>.</p>

<h2 id="block_vs_inline">Block vs. Inline</h2>

<p>Paragraphs are block-level elements. <span style="color: blue;">Spans are inline
  elements.</span> Although you can tweak it!</p>

<span style="display: block;">This block of text is in a SPAN tag that has been set to display
  inline.</span>
```

3.) In IE, click "refresh" (or hit F5) to see what this looks like.
4.) Click on the "Go to block or inline." link. What happens? Check out the URL.

\<div\> • Creating Your Workspace

1.) In WordPad, find the phrase "**\<!-- DIV Exercise here -->**"
2.) In the blank space under that, type in the following, and then save your work:

```
<h2 id="divs">&lt;div&gt; &bull; Creating Your Workspace</h2>

<div id="container">
  container
  <div id="leftbox">leftbox</div>
    <div id="right_upper_box">right_upper_box</div>
    <div id="right_lower_box">right_lower_box</div>
</div>
```

3.) In IE, click "refresh" (or hit F5) to see what this looks like.
4.) In WordPad, go back up to the stylesheet link we put in during "Getting Started, Part Three" and surround it with "**\<!--**" and "**-->**" to "comment it out." Save your work.
5.) Refresh in IE – ***Whoa! What the heck happened?***
6.) Go back to WordPad, remove the comment tags from around the stylesheet link, and save your work.

 vs. <p>

1.) In WordPad, find the phrase "**<!-- BR vs. P Exercise here -->**"
2.) In the blank space under that, type in the following, and then save your work:

```
<h2 id="br_vs_p">&lt;br /&gt; vs. &lt;p&gt;</h2>

<p id="circleaddress">
    Circle Solutions, Inc.<br />
    8280 Greensboro Drive<br />
    Suite 300<br />
    McLean, VA 22102<br />
    <a href="http://www.circlesolutions.com">
        www.circlesolutions.com
    </a>
</p>
```

3.) In IE, click "refresh" (or hit F5) to see what this looks like.

Headers

1.) In WordPad, find the phrase "**<!-- HEADERS Exercise here -->**"
2.) In the blank space under that, type in the following, and then save your work:

```
<h2 id="headers">Headers</h2>

<p>This section is about headers!</p>

<h3 id="subheaders">Subheaders</h3>

<p>This is a subsection of <a href="#headers">Headers</a>.</p>

<h4>Sub-subheaders</h4>

<p>This is a subsection of <a href="#subheaders">Subheaders.</a> We could go as far down as
   &lt;h5&gt;, but we're not going to!</p>
```

3.) In IE, click "refresh" (or hit F5) to see what this looks like.

Images

1.) In WordPad, find the phrase "**<!-- IMAGES Exercise here -->**"
2.) In the blank space under that, type in the following, and then save your work:

```
<h2 id="images">Images</h2>

  <img src="images/CircleLogo.jpg" alt="Circle Solutions Logo" width="151" height="81" />
```

3.) In IE, click "refresh" (or hit F5) to see what this looks like.

STRONG and EM

1.) In WordPad, find the phrase "**<!-- STRONG and EM Exercise here -->**"
2.) In the blank space under that, type in the following, and then save your work:

```
<h2 id="strong">&lt;strong&gt; and &lt;em&gt;</h2>

<ul>
  <li>This is <strong>strong</strong>.
        <ul>
                <li>This is <bold>bold</bold>.</li>
        </ul>
  </li>
  <li>This is <em>emphasized</em>.
        <ul>
                <li>This is <i>italicized</i>.</li>
        </ul>
  </li>
</ul>
```

3.) In IE, click "refresh" (or hit F5) to see what this looks like.

Tables

1.) In WordPad, find the phrase "**<!--TABLE Exercise here -->**"
2.) In the blank space under that, type in the following, and then save your work:

```
<h2 id="tables">Building a Proper Table</h2>

<table id="years_difference">
    <tr>
        <th id="this_year">This Year</th>
        <th id="last_year">Last Year</th>
        <th id="difference">Difference</th>
    </tr>
    <tr>
        <td headers="this_year">591</td>
        <td headers="last_year">222</td>
        <td headers="difference">369</td>
    </tr>
    <tr>
        <td headers="this_year">-33</td>
        <td headers="last_year">67</td>
        <td headers="difference">100</td>
    </tr>
    <tr>
        <td headers="this_year">Fish</td>
        <td headers="last_year">Frogs</td>
        <td headers="difference">Legs</td>
    </tr>
</table>
```

3.) IE, click "refresh" (or hit F5) to see what this looks like.
4.) Just for fun, go back and comment out the stylesheet link again. You know you want to!