ITMD-361: Lab 5 – *Coding Hygiene*

Objective: Clean up this messy code. You're provided with a website that works just fine, but the code is a mess. This will both reduce the website's SEO (Search Engine Optimization) and make it harder for your coworkers to help you maintain the website. Your job is to clean up the code.

Process:

1. Start by reading this short article on the value of clean html code.
2. Open the index.html file in your code editor. You do NOT need to open or edit the css or the images.
3. Begin your clean up by checking to see if the HTML5 Skeleton Structure is correct.
4. Next, fix the abyssal indentation. Apply proper cascading. In our class, all children should be indented 2 spaces to the right of their parent element. Make sure to look at it in Github to see if there are any translation errors.
5. Now that your code is properly cascaded, it will be easier to find other errors. Check the following list of common errors.
   1. We never use <br> or <hr> to achieve line spacing. That is achieved using css. In fact, never use them as you are bound to use them incorrectly.
   2. Do the images have proper alt tags? Watch this video to learn the incredible SEO value of good alt tags (Hint: "Your alt tags will not match the final.html tags").
   3. We only use empty lines of code between semantic groupings of code. Like between <head> and <body>, or between <section>s.
   4. Check to see if there are any obsolete <b> or <i> tags. Change them to the updated, semantic tags.
   5. There should be no space after the = sign in our attributes. Specifically, our links should be <a href="index.html"> and not <a href = "index.html">
   6. There should be no space after html elements. Specifically, our p elements should be <p>Hello World</p> and not <p>   Hello World   </p>
   7. Our links to files in our own repository do not need to start with (./). Specifically, href links should be href="folder/file.html" and not href="./ folder/file.html".
6. Finally, follow the instructions for turning in labs found in Week 1 videos on Basecamp, entitled "How to turn labs in". Include all necessary website files, including css.