WWW100 Assignment 1

Due: **8am**, Monday May 29th, 2017
Value: 50% of final mark for WWW100

Webmaster Solutions has assembled an amazing team of SEO, marketing and communications experts committed to developing stunning websites. They have hired you to lead their newly formed web design team and want you to design their 3 page web site (home, about and contact pages). Using the content provided (assign1_text.txt) you will construct a site. Webmaster Solutions is flexible with appearance, but utterly passionate about markup. As you can imagine, they demand only the finest, most relevant HTML5, and want to see their information marked up in as detailed a way as possible. This means headers, footers, sections, headings, paragraphs, lists, etc. This is the key for them – clean, clear, descriptive and relevant markup.

The text file contains the initial information that they have provided you. They would like all of this information included in their website, and feel free to add any copy or additional content you feel would enhance their site.

Each page should share the same "base" code, and stylesheet. The code needs to be cleanly laid out, and appropriately commented. (please include at least 2 comments to demonstrate your knowledge of how comments work).

They intend on purchasing images after they see your markup, so for now, you can use any images you find on the net, or create yourself. You should demonstrate mastery by using at least 1 background image and 3 "<img>" (although use as many as is appropriate for your design, these are minimums not maximums).

- They want at least 1 "webfont".
- The homepage should feature an inspiring quote from Dr. Doctype (the Webmaster Solutions founder), and should be both visually separated from the rest of the page, and marked up appropriately as a quote - you will need to find an appropriate quote.
- The site should have at least 3 links to external (other people's) websites.
- The body copy of the site should have at least 1 ordered and 1 unordered list
- You should demonstrate your knowledge of <strong>, <em>, <blockquote> and <small> by using each of these at least once, in an appropriate way.
- You should be leveraging elements, classes and ids for some styling purposes.
- At least 1 class and 1 id should be present.
- You should prove your knowledge of the box model, by including margin, padding, border and width somewhere within your design.

Andrew Advisor (their biggest investor) is partially blind, and is extraordinarily sensitive to

having an accessible website. He has heard of something called the "WAI" from the W3C, and has asked that on your homepage you embed a <!--comment--> at the bottom of the home page that outlines what this is, and summarize the basic values and what the "three levels" of accessibility are. (Note: this was not covered in class, and will require some independent research - please DO NOT simply copy-paste a few sentences from the web, This has to be in your own words. If you happen to use exact wording, you must use "quotation marks" but even of you are paraphrasing (ie using your own words) you still have to say where the idea came from.

Please note, this is worth 15% of your grade, so please write accordingly and be sure you are illustrating your knowledge of the WAI. Although there is no set word length, it's not how many words you use, but how much information you convey using those words. Examples are appreciated.

Run your research through a plagiarism checker and at the end of your comment, include the name of the plagiarism checker(s) used.

Grading Breakdown
• Syntactically correct and semantic (meaningful) HTML and CSS code. They'll be looking for things like consistency, indents, correct use of quotes, attributes and tags. The code should be error free (50%)
• Use of cascading style sheet for all formatting and layout (use an external style sheet) (30%)
• Correct file/folder structure and naming conventions (5%)
• "WAI" research (15%)

Your files should contain only valid (as determined by the W3C validator) code. You can use invalid code in either the HTML or CSS, but if you do, you must include a comment beside the invalid code explaining your decision. You will lose 2% per uncommented validation error.

Submission Guidelines
Set up a folder called "www100" on your student page. Inside of that folder, create a folder called "www100_assignment1". All work should be found in the www100_assignment1 folder. Folder structure is important, and if you are unsure, please ask.

I MUST be able to easily find your homework by simply visiting your link on the Webmaster class page and if the files are not clearly visible, it will be considered incomplete.