CSCI 202, Spring 2017, Lab # 2

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Due date: Midnight, Monday, April 24.

Goals: Adding a bit of CSS style to some HTML.

Zip your folder: Put all your files (including the supporting files) in a single folder and make a compressed (zip) archive of the folder.

Style files: You will not create any style files for this assignment. All styling will be done with an internal style sheet for each file, marked off with the <style> tag.

This will make it easier for the grader to see both your html and your css at once.

Files: You will create the following .html files. All pages should pass the W3C validator with no errors.

index.html The title and h1 header of this page will be CSCI 202, Lab 2

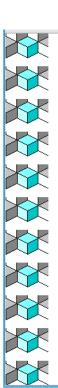
This page will have an unordered list of links to the other pages of the lab.

The background and text colors of this page will be colors of your choice (not black and white, but a good legible combination).

page01.html The title and h1 header of this page will be Web Images.

Copy the files web_images.html and cubes.gif found on the github repository to your own computer and put them in the same folder as your html files.

Use the cubes image to make a background image running down the left side of your page. Use the background and margin properties to indent the text to the right of the background image. Your final page should look something like this:



Web Images: Images on the web come in a variety of types (aka file formats) suchas BMP, GIF, JPEG, PDF, PNG, PSD, TIFF and many others. Indeed, there are many other formats available, but most images scanned, downloaded, or taken with a digital camera will be either in JPEG or GIF format. Below, you will find some basic explanations, to explain the difference betweenthe various formats.

BMP or bitmap format is the standard Windows image file format. GIF (.gif): Graphical Interchange Format.GIF is one of the two primary image formats used on the Web (the other is JPEG). GIF files are compressed, meaning that they load faster than uncompressed versions of the same images. JPEG (.jpg): Joint Photographic Experts Group. JPEG, like GIF files, are highly compressed and very common on the Web. JPEG compression is best suited for photographic images.PDF (.pdf): Portable Document Format. Any computer user with the free Adobe Acrobat reader program installed can read -- but not change -- a PDF file. Saving Photoshop projects as PDFs lets you give a read-only copy of the document to anyone. PDFs are most often used to share long documents where preserving formatting is critical, but Photoshop also supports this format for distributing images. PNG (.png): Portable Network Graphics. In the world of Web publishing, this is the new kid on the block. PNG combines the best features of GIF and JPEG, but many Web developers have not embraced it, partially because some older Web browsers do not recognize the format. PSD is the Photoshop native file format. In a Photoshop document we use the .psd format to create or work with images, but we use other formats to publish images in print or to the Web. TIFF (.tif): Tagged Image File Format. The TIFF format is the most widely used file format in professional print publishing for publications such as newspapers and magazines. Unlike GIFs and JPEGs, TIFFs are not compressed, which means they include all of the data and color information available. That level of quality is a must in reproducing digital images in print and publishing.

page02.html The title and h1 header of this page will be Generic Font Families.

Look up the names of the five generic font families found here: https://www.w3.org/Style/Examples/007/fonts.en.html.

Display a list on this page of each of the names for the generic font families, each typeset with its own generic font family. For example, assuming that "Fubar" is a generic font family, the word "Fubar" would be displayed in the "Fubar" typeface.

page03.html The title and h1 header of this page will be Sick.

The poem for this page is on the github repository in the file named sick.txt. Style this page so that each stanza of the poem is a paragraph with an enlarged first letter in a different color (your choice). The h1 header should also be in the same color.

Also include a box that floats to the left of the text with your name, the class number, and "Lab 2". The final result should look something like this:

