

American University, CSC 435, Spring, 2016

Homework Assignment 2: Coffee shop website (20pts +5pts bonus)

Due: Monday, Feb 8th, end of the day.

You must finish this work independently. No line-by-line copy is allowed. Feel free to be inspired from Internet websites but make sure you understand what you are doing since a commercial website usually have much more features that we haven't learned. Do not copy codes.

This assignment tests your understanding of HTML 5, CSS box model and page layout, navigation bar, font choice, etc. You will be making a new-realistic coffee shop front page for a fictional DC coffee shop called "sun flower cafe" that sells organic fair trade coffee.

You will be given a folder that contains a **skeleton** starter.html file and a bunch of useful images/icons. Your goal is to create a page that looks like the attached screen shot. In the starter .html script, most of the contents are there but there is little information about sections and layout. You should add div/span and create id and classes so that your **style.css** file can refer to them.

You will create the page below. Your page must match the appearance. We do not expect you to produce a pixel-perfect page that exactly matches this image. But your page should follow the styles specified in this document and match the look, layout, and behavior shown here as closely as possible. I will try to give you as much as color and font information. But feel free to use slightly different color/fonts.



Appearance detail

The page is linked to subsequent pages. The nav bar background color changes when you hover over them. I used the following two colors for active and visited: #e96133 and #672526.

The font face for the header is "Dancing Script" and font face for navigation bar text, and footer is "Josefin Sans". You can request them from Google.

The font size of the header is 24pt.

The background color of the page body is #f2f2f2.

The main container has a width roughly 1200px.

The navbar, logo image and social network image has the SAME length as the main container.

The page's bottom has links to the W3C validators. All other style elements on the page are subject to the preference of the web browser. Be very aware of them and test across multiple browsers.

Make sure the social network logos (facebook, twitter) links to a fictional facebook page.

Deliverables

You must put all of your .html, .css and image files in a SINGLE folder and zip it and submit to blackboard. Your folder should have the following format:

Firstname_lastname_hw2.zip

I recommend you ONLY have one .css files.

Your .html file should be called coffee.html and the .css file should be called style.css

You are also expected to submit your files onto your web server. If that happens, make sure all the links work and do not publicize until due date.

Grading scheme:

1. 80% grade is earned if you can successfully recreate the appearance of the front page of the coffee shop.
2. The next 20% grade you can earn by doing the following:
 - A. (5%) Stylize the information section in the front page to have the following appearance. This can be done use three divs or a table and stylize accordingly:

1535 7th St. NW Washington, DC / Map	Open 7am - 8pm Daily	Email: hello@compasscoffee.com
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- B. (10%) Create **at least one** additional linked page, such as aboutus.html that displays a bit history of the owner and the coffee shop. Feel free to use whatever images you find suitable. But be sure that the page layout and background color to be as consistent as possible to the page layout you have used for your front page. Make sure it is easy to go back to the front page. This means you might want to use the same .css file as well as keeping the same ID and Class in your .html file.

- C. (5%) Stylize the subscription forms. This can be done by stylize different elements of the input and submit fields. And add the feature that when user about to enter information in the input field, the box frame becomes bolder in color. Think about what method (post or get) you should use here.
- 3. **Extra features for extra credits** (up to 20% of total grade). These are pure suggestions. Feel free to improvise. The goal is to make a nice looking user friendly website.
 - A. Add additional linked pages to the coffee shop. For example, you can create a press.html using the logos provided in the folder. You can create a table that includes the name of the press, the title of the article, and the dates. You can do a similar thing to the types of coffee you sell, their origin, and their taste descriptions. Again, a table would be a good idea.
 - B. Add a nice banner image to top of the front page.
 - C. Add a contact.html and display a map of the location. You can also include more forms in this page.
 - D. Change the navbar style and font so that looks less bulky.
 - E. Add another navbar at the end of the webpage. These were usually smaller fonts and less intrusive.
 - F. Include the social logos into the nav bar as well as the contact information.
 - G. Make the page responsive (this is perhaps more for students who have web design experiences).

Some nice looking reference coffee shop web pages:

<http://www.fremontcoffee.net/>

<http://www.filtercoffeehouse.com/>

<http://www.thecoffeebardc.com/>

A guide to use contrasting fonts:

<http://webdesign.tutsplus.com/articles/a-beginners-guide-to-pairing-fonts--webdesign-5706>