

# Self-Assessment Activity: Layout

Assignment in WEEK 3 ACTIVITIES

21

AUG



STATUS

## Objectives & Outcomes

Successful completion of this activity will show that you can:

- Create a web page or pages that demonstrates an understanding of the topics covered thus far.

## Level of Effort

This activity should take approximately 60m to complete. It will require:

- 15m Research
- 0m Prep & Delivery
- 45m Work

If you find that this activity takes you significantly less or more time than this estimate, please contact me for guidance.

## Instructions

Follow the instructions to create a web page or pages and then check your work against similarly built examples from the textbook's website. This activity will not be submitted or graded, but should be completed before moving on to the graded assignments.

### Get started

1. Download the layout.zip file which contains all the assets for this activity.
2. Open *float.html* and *layout.html* in your text editor and review the HTML.
3. Go back to your *Self-Assessment Activity: Box Model* and open the stylesheet in your text editor. Save a copy of it into this new activity, keeping the name "styles.css". Put it inside an appropriately named folder.
4. Make sure everything is in the folder where you are keeping all your files for this course.

### Modify Your CSS

1. Apply the following modifications to the stylesheet where appropriate:
  - Change the default *font family* to be Arial, Verdana, or sans-serif.
  - Change the *selector* from all unordered lists to just the unordered list with the id of "navigation". Do the the same for the list items, only target the "navigation" list items.
  - Change the *selector* from all paragraphs to just the division with the id of "content". Remove the centered text alignment, to maintain the default of left text alignment.
  - Add a *font size* of 1.5 times the default for the <h1> element. Add a *font size* of 1.33 times the default for the <h2> element. Then add a *font size* of 1.25 times the default for all <h3> elements.

### Float Some Content

1. Apply the following CSS layout properties to the stylesheet where appropriate:
  - In *float.html*, float the cafe front image that is inside the "content" division to the left. Add 20 pixels of space between the image and the text that will flow around it.
  - In *layout.html*, give the two columns named "column1of2" and "column2of2" widths of 280 pixels and float them so they are next to each other. Add 10 pixels of space between them.
  - You'll notice that since the columns are floated, the "content" division collapses to only contain what is above the floated columns. Use a CSS technique to fix the collapsing parent element of floated content, so that the content division also surrounds the two floated columns. Make sure to apply this to the parent element of the columns.

### Clear Your Floats

1. Add a level 2 heading of "Contact" under the column divisions.

2. Add a paragraph with the following phone numbers separated by a line break: (407) 679-0100 and (888) 226-7625.
3. It is always a good idea to clear any floats on a page, so apply a "clear" class to the "Contact" heading and add the appropriate CSS styling to your stylesheet.

#### Check Your Page

1. Now open the *layout.html* page into your browser to check that everything looks the way you expected. If not, go back and check your HTML and CSS for errors.
2. Common mistakes are incorrect float values, missing widths for floated elements, missing curly brackets or semi-colons in the CSS rules, and not selecting the correct elements.
3. To help you with troubleshooting, your textbook has similarly built example Layout pages. Follow the links in the Resources and use the browser's *View Source* to check your code against the example pages.
4. Remember that this activity is a self-accessment and is not meant to be turned in or graded. But if you do have questions or would like feedback, please feel free to let me know!

#### Reading & Resources

Link: All About Floats (<http://css-tricks.com/all-about-floats/>) (helpful)

Link: Textbook Layout Example 1 - Floating an Image (<http://www.htmlandcssbook.com/code-samples/chapter-15/float.html>) (necessary)

Link: Textbook Layout Example 2 - Floating Paragraphs (<http://www.htmlandcssbook.com/code-samples/chapter-15/using-float.html>) (necessary)

Link: Textbook Layout Example 3 - Clearing Floats (<http://www.htmlandcssbook.com/code-samples/chapter-15/clear.html>) (necessary)

Link: Textbook Layout Example 4 - Floating Columns (<http://www.htmlandcssbook.com/code-samples/chapter-15/columns-two.html>) (necessary)

#### Deliverables

There are no deliverables.

## Comments

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