

Self-Assessment Activity: Box Model

Assignment in WEEK TWO ACTIVITIES

14

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 box-model.zip file which contains all the assets for this activity.
2. Open *box-model.html* in TextWrangler and review the HTML.
3. Open *styles.css* and review the CSS.
4. Make sure everything is in the folder where you are keeping all your files for this course.

Create Your CSS

1. Open *styles.css* in TextWrangler and add the following CSS box model properties to the page where appropriate:
2. Add the following CSS width properties to the page where appropriate:
 - Change the element with the id of "page"'s *width* to be 960 pixels.
 - Change the element with the id of "logo"'s *width* to be 303 pixels.
 - Change the bulleted list's *width* to be 625 pixels.
 - Change the paragraph's *width* to be 600 pixels.
3. Add the following CSS border properties to the page where appropriate:
 - Change the element with the id of "page"'s *top, bottom, right, and left border* to be 4 pixels wide, double style, and the color to be #000.
 - Change the bulleted list's *top border* to be 2 pixels wide, solid style, and the color to be #000.
 - Change the bulleted list's *bottom border* to be 1 pixel wide, solid style, and the color to be #000.
 - Do not add a left or right border to the bulleted list.
4. Add the following CSS padding properties to the page where appropriate:
 - Change the element with the id of "page"'s *top, right, bottom, and left padding* to be 20 pixels.
 - Change the bulleted list's *top, right, bottom, and left padding* to be 15 pixels.
5. Add the following CSS margin properties to the page where appropriate:
 - Change the element with the id of "page"'s *top and bottom margin* to be 10 pixels.
 - Change the element with the id of "page"'s *right and left margin* to be auto to center it.
 - Change the element with the id of "logo"'s *top and bottom margin* to be 10 pixels and 25 pixels respectively.
 - Change the element with the id of "logo"'s *right and left margin* to be auto to center it.
 - Change the bulleted list's *top and bottom margin* to be 0, to remove the default margin.

- Change the bulleted list's *right and left margin* to be auto to center it.
- Change all list item's *top and bottom margin* to be 0, to remove the default margin.
- Change all list item's *right and left margin* to be 3 pixels.
- Change all paragraph's *top and bottom margin* to be 20 pixels.
- Change all paragraph's *right and left margin* to be auto to center it.

6. Add the following CSS display property to the page where appropriate:

- Change all list item's to *display* inline. Try to add top or bottom padding or margin. Notice that they won't work because for inline elements, top and bottom padding and margin don't apply. In fact, width and height don't apply to inline elements either.

Take it Further

1. Make sure your CSS is well organized and compact. Convert your box model properties to short hand if they aren't already. Use the Resources link for an excellent reference.
2. Also make sure your CSS validates.

Check Your Page

1. Now open the *box-model.html* page into Firefox 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 box model values, 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 a similarly built example Intro to CSS page. Follow the link in the Resources and use Firefox's *View Source* to check your code against the example page.
4. Remember that this activity is a self-assessment 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: [The CSS layout model \(http://www.w3.org/community/webed/wiki/The_CSS_layout_model_-_boxes_borders_margins_padding\)](http://www.w3.org/community/webed/wiki/The_CSS_layout_model_-_boxes_borders_margins_padding) (helpful)

Link: [CSS Shorthand Reference \(http://www.w3.org/community/webed/wiki/CSS_shorthand_reference\)](http://www.w3.org/community/webed/wiki/CSS_shorthand_reference) (necessary)

Link: [Textbook Box Model Example \(http://www.htmlandcssbook.com/code-samples/chapter-13/example.html\)](http://www.htmlandcssbook.com/code-samples/chapter-13/example.html) (necessary)

Deliverables

There are no deliverables.

Comments
