



Lab 4: Positioning with CSS

Learning Objectives

After completion of this lab, **you should be able** to

- Work collaboratively as a **pair programming** team
- Use HTML-Kit to create externally-linked **cascading style sheets** for style and positioning
- Use the XHTML **div** element to group elements
- Apply CSS2 style rules to **position** elements on the screen
- Write markup and code that validates and conforms with the CS 250 Coding Standards
 - Use the W3C XHTML and CSS **Validation** Services to eliminate any CSS warnings and errors
- **lab4.html** Screen **Snapshot**
- **To Receive Credit**

Work collaboratively as a pair programming team

CS 250 in-class labs will be done using **pair programming**. Your partner for today's lab is listed in the table below:

Hebeler 204

Grader: John Wright II

Team 1	Team 2	Team 3	Team 4	Team 5
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Abundiz, Sergio Belfiglio, Alexander	Bajwa, Deepinder Burton, Henry	Burley, Jonathan Strom, Brandt	Byars, Frank Chandler, Alan	Carpenter, Daniel Dickerson, Andrew
Team 6 Crockett, Jordan Juarez, Adrian	Team 7 Hansen, Christopher Plitkins, Kristofer	Team 8 Kinkade, Kyle Prescott, Brandon	Team 9 Porter Jr, Anthony Canada, Justin	Team 10 Rozelle, William Ahmady, Temourshah
Fill in: Taing, Pokuy				

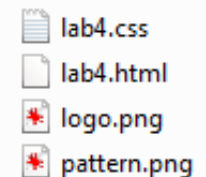
You may wish to review basic [pair programming](#) guidelines before you begin.

- One team member (the **driver**) has control of the keyboard/mouse and actively implements the program
- The other team member (the **navigator**) continuously observes the work of the driver to identify tactical defects (such as syntactic and spelling errors, etc.) and also thinks strategically about the direction of the work

You should **change roles** about every ten minutes during lab.

Lab 4 Files

- Create one XHTML 1.0 Strict web page and an externally linked CSS file inside `U:\htdocs\labs\lab4`.
 1. `lab4.html` XHTML 1.0 Strict markup file
 2. `lab4.css` style sheet file



To save typing time, the [text content](#) of `lab4.html` is available online.

- **Two images** are used in the assignment.
Download and save the two images to your `lab4` folder
 1. [logo.png](#) - the boxy logo in the upper left corner
 2. [pattern.png](#) - the background image in the center main content area

Use HTML and CSS to create a 3 column layout

Create the web page shown below with a **top** banner section, **3 columns**, and a **bottom** footer section

- Use `div` to divide `lab4.html` into **five** sections:
 1. **top banner** area
 2. **left navigation** area
 3. **right advertisement** area
 4. **center main content** area
 5. **bottom footer** area
- Use CSS style rules to duplicate the **3 column layout** with top banner and bottom footer as shown in the `lab4.html` screen snapshot below
 - You may use absolute or float positioning (or both). You may begin with a template or develop your own
 - Pages will be checked using **Firefox** on a lab computer
 - Your design does **not** need to be fluid or support multiple screen resolutions
 - Your design does **not** need to support cross-browser (IE, opera, safari, small screen)

Screen Snapshot

`lab4.html` screen snapshot



Lab 4: Positioning with CSS

Brought to you by name1 and name2

CWU Home

CS Dept

CS 250

Welcome

Welcome to Central Washington University! We're a public, four-year university located in Ellensburg, Wash. No longer Washington's best-kept secret, we're now the state's fastest growing school of this type.

Central is recognized for outstanding academics, small classes and an ideal location just east of the beautiful Cascade Mountains, two hours from Seattle.

Elite academics, personal attention and a superb location all make Central a popular first-choice school among college applicants. Come explore Central Washington University, and see why your future is Central.

Advertisement 1

Buy me

Advertisement 2

Buy me too

CS 250, Fall 2011

Colors Used

The page use the following color scheme:

#1E3C3C	#4D5D2E	#633232	#FFFFFF	#858585	#5C5C5C	#CCCCCC
top banner area	bottom footer area	left navigation area	center main content area	right advertisement area	advertisement box & navigation link left border	navigation link background color

All text on the page is formatted using the sans-serif font family, either white or black, and kept at its default size and font weight.

Headings and paragraphs are used to contain the text. Margins and paddings are used to add vertical and/or horizontal space between elements. Do **not** use `
` elements to add vertical spacing.

To Receive Credit

Pair programming teams will receive the scoring rubric sheet at the start of lab. Write both names on the sheet to turn in the sheet in when you finish. Name 1 should be the student who saved the pair work in their CS 250 account.

- If you **finish during lab**, have your work checked for completeness, and turn in to your instructor the [lab's scoring rubric](#) [PDF].
 - If you have **not** yet satisfied all criteria to the level of 4, you need to continue working on the lab outside of class time
 - Your saved solution should be stored in the CS 250 account listed under Name 1
- If you are **unable** to complete the solution during the lab period
 - Leave lab with both students having a copy of the partially completed solution
 - Agree to finish the lab together (establish a time) or independently
 - Turn in the [lab's scoring rubric](#) [PDF] at the **start of next Lab**
 - Use one rubric for teams finishing together or two rubrics for students finishing independently
 - Keep track of and include the **total completion time** (rounded to closest half-hour) it took to complete the lab

assignment and include the time on the rubric

- Write a score 0 . . 4 in the rubric's **self assessment column** representing your completion status
- Make sure your work is stored in your CS 250 account in folder U:\htdocs\labs\lab4\

Lab 4 is due at the start of the next lab. **No** late lab assignments will be accepted without prior approval. Your lowest lab score will be dropped.