

ISTE240
Exercise - 02
CSS Positioning
DUE Check MyCourses

Objective: Students will demonstrate their understanding of CSS3 positioning and responsive web design by arranging contents using CSS3 properties and the @media query rule.

Directions: For this exercise, you'll arrange some content with CSS3 properties and use the @media rule in CSS3 to make your page responsive to its viewport. Use the demonstration file created in class this week as a guide to set up the sidebar and content.

Here is a picture of a web page. Can you re-create it?

1. The image on the left is available on myCourses (side.jpg). Make this image appear with CSS → no tags!
2. The numbers are 100px font size and the color greenish, with a yellow shadow.
3. The flower names are 24 px font size, and bold. (You can use any words and colors instead of those that appear here.)
4. You have to figure out how to position each grouping -- the asterisk (*), flower name, and background box – using CSS, no positioning with tables or other HTML tags.
HINT: Each asterisk is positioned the same **relative** distance from the top of the background, and each flower name is positioned the same **relative** distance from its corresponding asterisk.
5. The background of each grouping is a greenish color. Don't forget the rounded corners!
6. When you hover over any of the groupings, the background should fade to the purplish over one second (as shown with #2 below). (You can choose your own colors if you want.)
7. Also when you hover over any grouping, the cursor should change to a hand.
8. Set a media query in your CSS for maximum viewport of 650px, and maximum viewport of 450px. See the illustrations below to see how to change the page according to the viewport.

Grading Rubric

Banner on the side		2
Asterisks appropriately located, sized, and colored		2
Words names appropriately located over the asterisks and sized		2
Shadows on the Asterisks		1
Grouping background with correct location, color, and rounded corners in CSS		4
Boxes fade to another color when hovered over		3
Cursor changes to hand when hovering over grouping		2
CSS Media Rules for max-width 450px and max-width 650px – change the display as shown below.		4
Points deducted for no comments, poor formatting etc. (1-4)		
Total		20

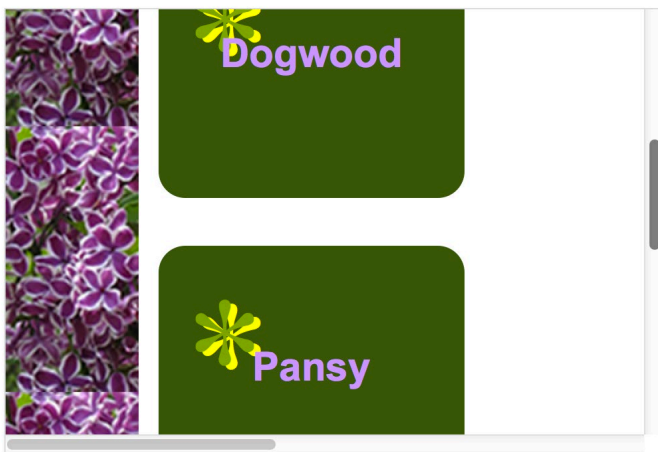
#1. Screen shot for page when width is greater than 651px:

Note the Dogwood container is purple because it has been hovered over.



#2. Screen shot for page when width is less than 650px, and greater than 450px:

Note that the left border still appears, but the groupings are vertical.



#3. Screen shot for page when width is less than 450px.

Note: no more left border.

