

Lab 2: Fun with Percentages



Lab Instructions:

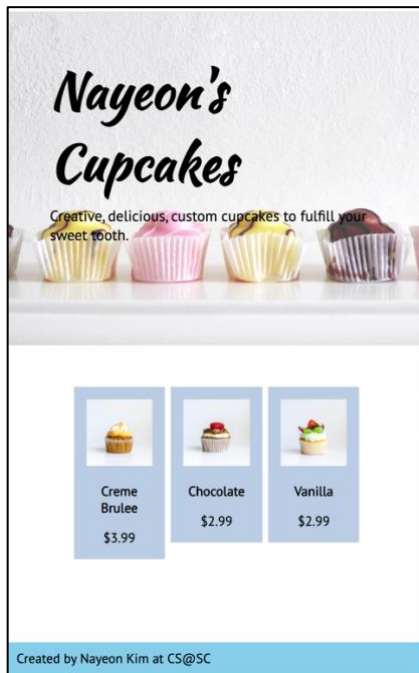
1. Open **Sublime Text** and open up the **index.html** file you created last lab. If you need to finish up lab1, do so now because you'll need it for this lab!
2. Look for a background image that might look good on the header of this page. A great place to look for free, beautiful images is <https://unsplash.com/>.
3. Add this background image to the header. Use the new CSS property you learned, **background-size: cover** so that the background image covers the whole header. Try re-sizing your browser. The background image should resize for all the sizes. It won't look perfect for all sizes but it does most of the trick.
 - a. Tip: choose a wide picture because browsers are wide.
 - b. You can play around with **background-position** to position the image better.
 - c. Set a **height** to the header to make the background image also have a set height.
4. Now let's make your products change widths as browsers get bigger and smaller! First thing to do is change the `<div>` that contains all your products (we gave an id `products-container` to this div). Look at your CSS rule for **#products-container**.
 - a. Change the width of the container from a set pixel to a **percentage**. Somewhere around 70-90% should work. It is OK if the products inside don't fit anymore at this point.
5. Ok we are ready for the products now! Look at the CSS rule set for the products. Last lab we set a set px width to each of the products.

Change this set **px** to a percentage instead. This is when you'll have to do some math. We want to fit all products in one row. If there are **two** products, that means each product's width should be 50% because 2 x 50% is 100%. What about then for **three** products?

6. Don't forget that each product has margins on it so you also have to change the margin to be a percentage and not a set px 😊 . More math time!
7. If all is good at this point, try resizing your browser again. The images should now scale up and down as you change the size of your browser!
8. Add your final touches!
 - a. Center the **product-container** <div> horizontally. Remember how to do this? Hint: something about margins.
 - b. Set a **max-width** to this container as well so that this container doesn't get *too* wide. Play around with the exact px but anywhere around 1000px should be good.


Sample




Small browser size



Medium browser size

Nayeon's Cupcakes
Creative, delicious, custom cupcakes to fulfill your sweet tooth.







		
Creme Brulee \$3.99	Chocolate \$2.99	Vanilla \$2.99

Created by Nayeon Kim at CS@SC

Large browser size

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