CSS Formatting Elements Lab

We need some proper formatting to make our pages look good. Let's do that.

Fleshing out the products page

1. Open your products.html page. We eventually want it to look like this:

Sir Rodney's Marmalade

Category: Confections

Sold in 30 gift boxes

Price: US$81.00

Quantity:

| 1 |

[Add to cart]

2. Add the structure to the <main> section ...
    *   a h1 with a product title,
    *   an image with a class of *img-rounded*,
    *   a paragraph for category,
    *   a paragraph for units per item,
    *   a paragraph for the price,
    *   a <label> that says *Quantity*,
    *   an <input> for quantity with a class of *form-control*, and
    *   an Add to cart button with a class of *btn*.

Next we're going to add or modify styles in site.css to make them look like the picture above.

3. Find the btn class. Give it rounded corners.
4. To make the rounded corners on the input, modify the *form-control* class.
5. Add a new class called "img-rounded" and do the same for it.
6. Add a shadow to the input by adding this to the form-control class:

```
box-shadow: inset 2px 2px 2px rgba(0,0,0,.25);
```
This effect makes it look like the box is depressed into the page.

7. Run and test. Try your page with and without the shadows and rounded corners.

Styling messages

Your login page will eventually have a way for the user to login to our site. But as of now, it doesn't have anything. Let's add some instructions to the login page.

8. Put the message below in a <p>. The word "Register" should be a link to the register.html page.
9. Now let's style it! Add a class of *alert* to it <u>and</u> a class of *alert-info*. If you refresh your page, it'll immediately look better because these classes are already defined in site.css.
10. Next, go into site.css and add a style to make it appear like this:

Please enter your username and password or Register if you don't have an account.

Give it rounded corners by modifying the *alert* class in site.css.

Styling every page

We're kind of on a roll with the rounded corners. Let's do it to all the other pages in one fell swoop.

11. Open site.css. Find your jumbotron class. Give it rounded corners.
12. Give the well class rounded corners and a shadow.
13. Run and test your site. All the pages should now have rounded corners on the header section. Keep adjusting the border-radius until you like the roundness of the section.

Using a data-uri

We have a logo on every page. We may get a performance boost if that image is taken from the css file.

14. Look for an online converter that will take an image file and convert it to a base-64 encoded URI. Use that tool to create the data.
15. Open your site.css file. Add a class called headerLogo. Give this class a height and width that is the same as the original image's width and height.
16. Now the fun begins! Add a line like this to your style:
```
background-image: url("data:image/png;base64,PutYourBase64CodeHere ");
```
17. Paste the encoded data in that line.
18. Give it a width and height equal to the width and height of the original image. Also give it a style of background-repeat: no-repeat.
19. Open index.html and find where you're drawing your image. Change that tag to a <div> with a class of headerLogo. (Hint: to make it behave like the image did before, also add the class of headerImg).
20. Run and test. Adjust until you can see your logo again and it is the right size.