

Web Programming 4370/6370 CSS Practice

Exercise 1: Arrange Your Page into Sections (roughly 20 minutes)

The first task is to organize `journal.html` by adding `ids`, `classes`, `spans` and `divs` as seen in lecture. Then, add "boxes" around these sections of the website by adding to your `journal_layout.css` stylesheet.

Hint: Remember the way to define a border in CSS:

`border: thickness color style;`

For example, the following gives a yellow, dashed, 1px-thick border:

```
border: 1px yellow dashed;
```

You are going to match the output below (between, but not including, the thick black lines).

- The **borders** are all 5px thick and `solid`.
- The **colors** are the intuitive HTML color names, e.g. the red border is the HTML color `red`.
- *Note:* You should not need define a class or id specifically for the `h2s` on this page.
Hint: To reduce the amount of `id` and `class` attributes you need to set in the XHTML code, consider using CSS **context selectors** as appropriate.

Exercise 2: Spacing With Padding and Margins, Backgrounds (roughly 15 minutes)

You are now going to add padding, margins, and backgrounds to some of the parts you defined in Exercise 1. You should only have to change your `journal_layout.css` file, if you completed Exercise 1 correctly.

- The box with the **green** border should have a background color of `white`.
- The boxes with the **blue** borders should have a background color of `#E8FBFB`. It should have a padding of 5px (on all sides) and margin of 10px only on the *top* of the box (the margins for the remaining sides should be left at 0px).

- The **overall page content** area should become centered on the page, should have left and right margins of 10% and a soft background image

Exercise 3: Float, Alignment and Clear (roughly 15 minutes)

Now you're going to practice `float`, `clear`, and alignment on the web page. Part of this exercise is understanding the difference between aligning and floating an element. You may have to edit your `journal.html` code as well as your `journal_layout.css` stylesheet to get the floats working properly.

- The heading text in the **red** box should appear on the **right** side of that section of the page.
- The journal entry images should hover on the **right** side next to the surrounding text. The image should stay within the bounds of the blue box; that is, it should not bleed into the other content below it.

Exercise 4: Cosmetic Finishing Touches (roughly 10 minutes)

Finally, we add some finishing touches to make the page look its best.

- Change the border of the box with the **green** border to be a solid, white, 10px-thick border.
- Change the border of the boxes with the **blue** border to have a solid, 4px-thick border, using the hex value `#C2E9E9` for its color.
- Change the border of the box with the **purple** border to have *only* a bottom border, and let that bottom border be blue, dashed, and 2px-thick.
- Change the background color of the box with the **red** border to be `#A8F0F0` and get rid of its border altogether.
- Change the font size of So fresh and so clean to 14pt and get rid of its border.

You are going to match the output below (between, but not including, the thick black lines).

