

## **Homework 3**

**Note:** All homework is submitted in the same way. Upload your work to the server. Test it there. Create a text file named for the work concerned and include in it the URL for the work on the server. Also include any write up required in the homework.

### **Description of Homework**

1. Download and edit the archive starterhw03.zip from D2L.
2. Change the files to implement the changes requested below.
3. Upload your finished work to your server space.
4. Use the HTML validator to test your pages on the server.
5. Copy the URL for your copy of hw3home.html
6. Create a text file to contain your submission to the dropbox (e.g. homework03.txt ). Your text file should contain
  - a. The URL for your copy of hw3home.html (e.g. <http://students.bcitwebdev.com/72you<sup>1</sup>/hw3/hw3home.html>)
  - b. A write up giving an example of each of the three categories of selectors found in hw3css.css. The three categories concerned are: element, class or ID, and descendant. So for the first category, one correct answer would be: “h1 is an element selector”
7. Upload the text file containing your URL and write up to the dropbox by the deadline.

*Note that most of these changes will be to CSS only. When HTML must be changed it will be noted.*

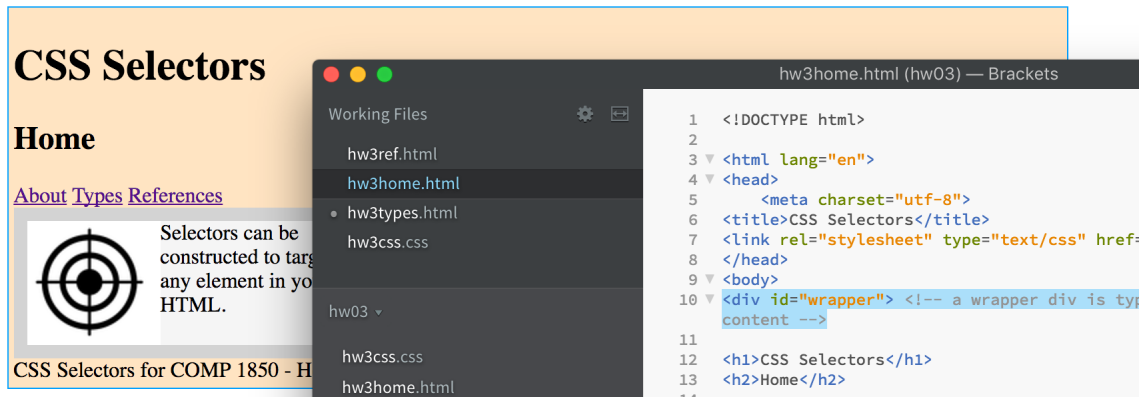
### **HTML changes**

Copy the wrapper div as found in the file hw3home.html in order to duplicate its functionality in hw3types.html and hw3ref.html. Be sure to copy the closing </div> just before the body, as well as the opening <div id="wrapper"> highlighted below.

**Tip:** Test you have got the wrapper working in hw3types.html and hw3ref.html before you move on to changing CSS. You will be able to tell based on the background color of the #wrapper selector in hw3css.css

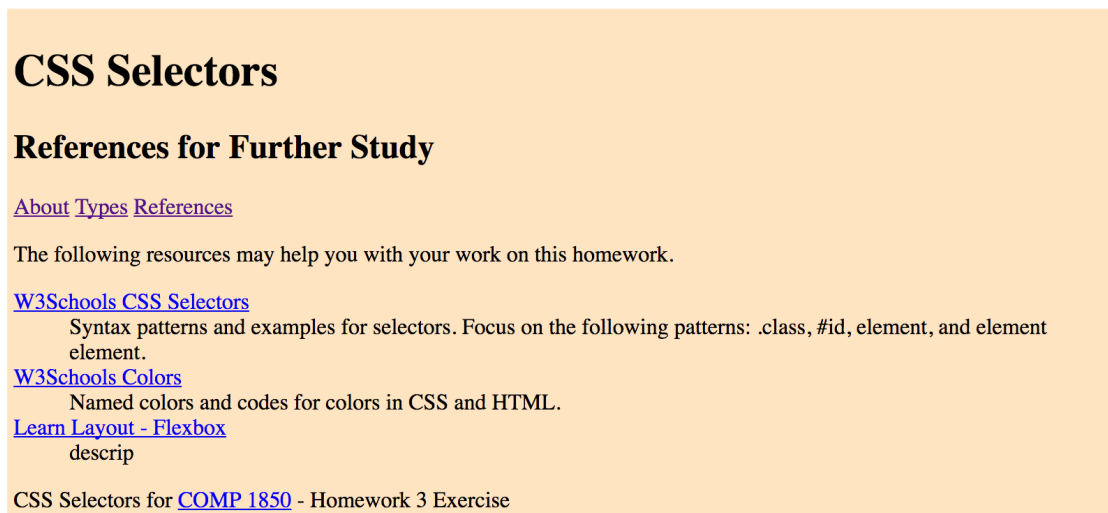
---

<sup>1</sup> Replace with your personal username, of course.



example:

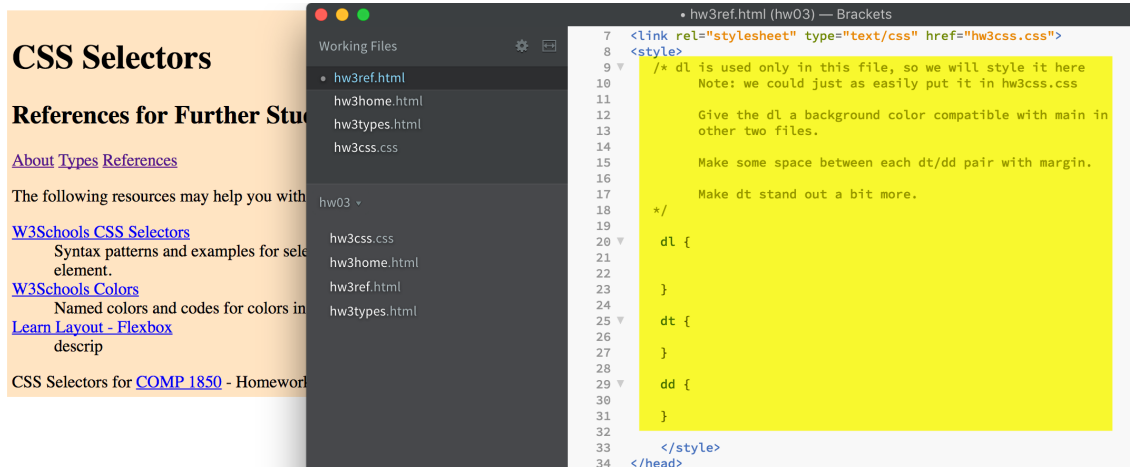
The hw3ref.html file when wrapper added correctly.



## CSS Changes – embedded CSS in hw3types.html

The hw3types.html file differs from the other two with respect to the structure of the content between the headers and the footer. It uses an unstyled `<dl>` list instead of `<main>` with flexbox layout applied in the CSS.

Use element selectors for `dl`, `dt` and `dd` as required to meet the criteria described in the comment as illustrated below.



example:

*tip: your choices of font and other details may vary so long as the criteria are met.*

## CSS Selectors

### References for Further Study

[About Types References](#)

The following resources may help you with your work on this homework.

[W3Schools CSS Selectors](#)

Syntax patterns and examples for selectors. Focus on the following patterns: .class, #id, element, and element element.

[W3Schools Colors](#)

Named colors and codes for colors in CSS and HTML.

[Learn Layout - Flexbox](#)

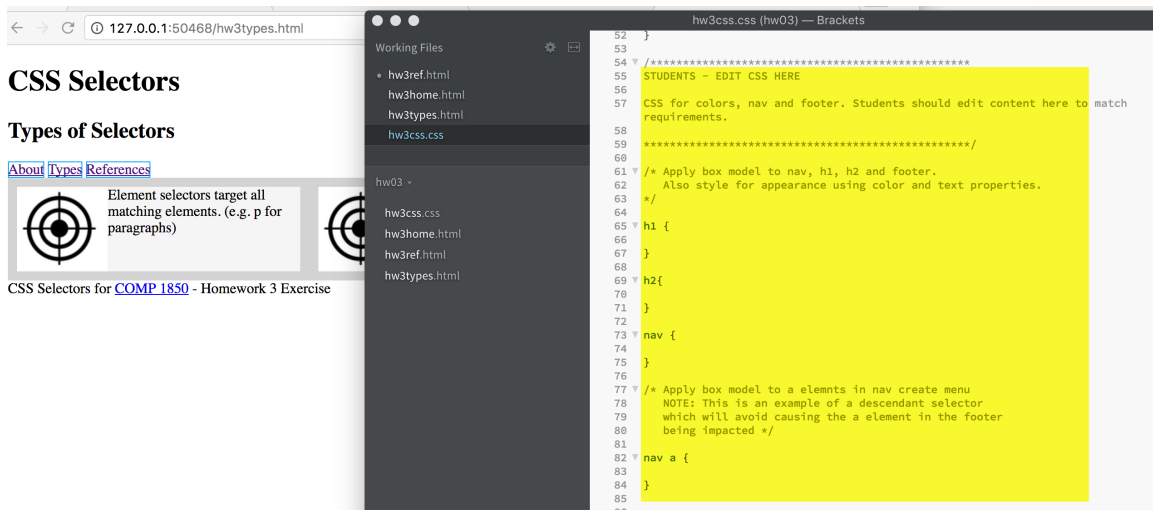
descrip

CSS Selectors for [COMP 1850](#) - Homework 3 Exercise

### CSS Changes – hw3css.css

All three of the html files already link to a single external CSS file called hw3css.css. Most of your work will be to make edits to this CSS file. When you apply edits to the shared css file, changes should happen in all files.

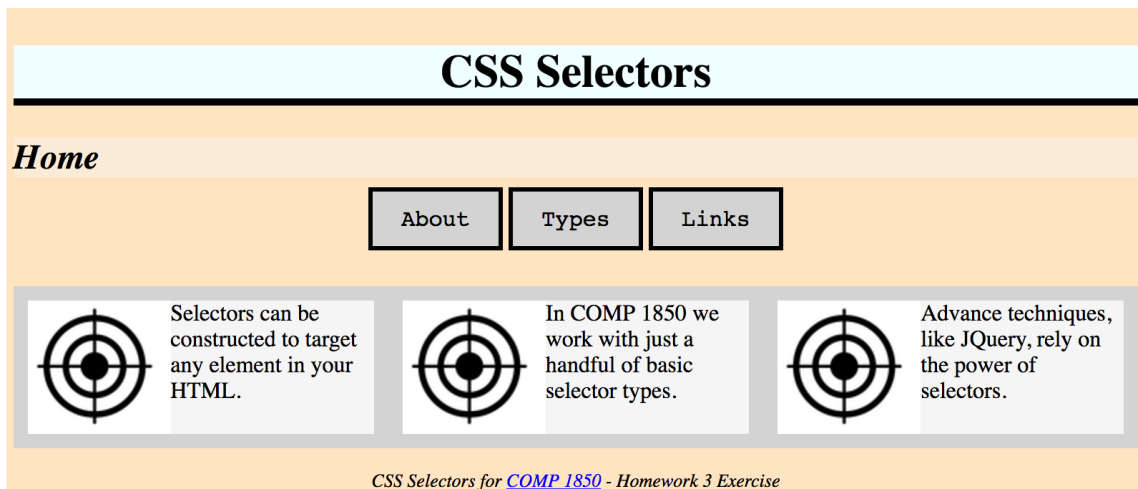
Write CSS for the element and descendant selectors, as described in comment inside the hw3css.css file (see below).



example:

*tip: your choices of font and other details may vary so long as the criteria are met.*

This is an example of what the home page might look like after student section of the CSS file is edited.



Consider using properties like:

- border and margin and padding (and variations for just top, bottom, etc.)
- text-align
- background-color, color
- width, height, min-width, min-height
- font-size, font-style, font-family

### **Recommended naming convention<sup>2</sup> on server:**

Folder = hw3

Files = use the names provided in the zip archive

e.g <http://students.bcitwebdev.com/72you<sup>3</sup>/hw3/>

### **Recommended naming convention for text file:**

Text file name = homework03.txt

---

<sup>2</sup> Recommended doesn't mean required. But name your files meaningfully even if you prefer to use a variation.

<sup>3</sup> Replace with your personal username, of course.