

### Lab 3: Ultimate Frisbee

In this lab you will learn how to use CSS to create a layout for a webpage. For this lab session you will be provided with a HTML file, a CSS file and a compressed file with screenshots (PNG files) of different stages of the layout you need to create. You are required to change the CSS and HTML to achieve the layout at different stages as shown in the PNG files. In this activity you will learn how to use **id**, **float** and margin/padding for creating layouts. You are encouraged to go beyond the instructions below to make your page more attractive and engaging if you can make it work within the time allocated for the lab session.

#### Part 0: Download Lab3.html, Lab3.css and Lab3\_Screenshots.zip from Canvas.

1. Rename the file Lastname1Lastname2-lab3.html.
2. Make sure to also rename the CSS file, and link it into the new HTML file. Verify the new webpage is viewable on the Web and validates.
3. Uncompress **Lab3\_Screenshots.zip**. These screenshots will be your guides for the lab.

#### Part 1: Modify the Page Layout to make use of class, and id.

1. Modify the CSS and HTML so that the content is centered on the page (Like **Stage1.png**). You should set a width of 900px to the content wrapper. Do this by adding width, margin-right, and margin-left properties to the wrapper id definition in the css file.
2. Modify the CSS and HTML so that different sections have different background colors (Like **Stage2.png**). You can choose the colors.
3. Modify the CSS rules so that you get a two-column layout (Like **Stage3.png**). Do this formatting an **aside** element for the news and formatting the remainder in a **section** element, with an id called *main*. You will need to float the **aside** element to the left and set its height to equal the **section** element with id = main's height (*Refer to demo at start of lab*). You can choose which elements appear in which column.
4. Modify the html file to move the footer to the bottom of the page (Like **Stage4.png**).

#### Part 2: Do any one of the following (See **Stage5.png**):

1. Use margins and paddings to refine your layout. Do not forget that when you do this, you may need to readjust the width of the elements so the columns and page fits within 900px. **Stage5.png** shows an example with some margins and padding added.
2. Add a navigation bar, with links to serve as a menu of pages for the website. Do this by creating **nav** element underneath the header, with links (that point nowhere) going across.
3. Add an image of your choice as shown in **Stage5.png**.

**Part 3: Upload your CSS, HTML and image files** to the server and verify the URL. *Make sure to verify that you have no validation errors in both your html and css files.*

1. Turn in your activity: Each partner should upload the HTML and CSS files to Canvas,
2. Place in the Comments section:
  - a. Correct URL to your individual webpages site
  - b. Which modification (from part 2) was implemented
  - c. Your partner's name (enter no partner if worked solo).