IST 400
Advanced Web Design
Spring 2016
Lab 3

Instructions:
To receive full credit for each exercise, your page must match the example I provided in the /mockups folder.

You will have until **Wednesday, February 17th at 12:45PM** to submit this assignment!

Grading:
Exercise 1: exercise1.html (4 Points)
From the root folder of the extracted lab1.zip file, refer to the files /mockups/exercise-1-1.png, /mockups/exercise-1-2.png and /mockups/exercise-1-3.png to create the page shown. Follow the same instructions for exercise 2 in Lab 2 for the initial setup of this page.

Breakpoint 1: 1000px
1. When the viewport is less than 1000px wide, the "cards" should be oriented vertically or stack.
2. Each "card" should now be a flex container, with its content oriented horizontally and vertically aligned centered.
3. The "image" should have an initial size of 300px, it should not grow, and shrink at a factor of 2.
4. The list should have an initial width of 500px, fill all remaining space, and shrink at a factor of 1.

Breakpoint 2: 480px
1. Each "card" should now have its content oriented vertically.
2. The "image" and list should now have their flex-basis (or width) reset to auto, since the direction has changed.

Exercise 2: exercise2.html (6 Points)
From the root folder of the extracted lab1.zip file, refer to the file /mockups/exercise-2_1.png, /mockups/exercise-2_2.png and /mockups/exercise-2_3.png to create the page shown.

Initial Setup:
1. For this initial page setup, the "wrapper" should be at most 1200px wide and horizontally centered on the page. It should be at least as tall as the viewport.
2. The main content should be four times as wide as the header to the left.
3. Each "article" at the bottom of the main content should be equal in width and height.

Breakpoint 1: 1000px
1. The "wrapper" should now be oriented vertically.
2. In the "header", the links should be aligned to the right and the logo to the left. All content within the header should be vertically centered.

Breakpoint 2: 700px
1. The header should now have its content aligned vertically.
2. The list should be positioned before the header, with its content justified with equal space around each list item.
3. The articles at the bottom of the main content area should now be aligned vertically.
4. The image should take up 1/3 of the space within the parent class "article".
5. The sibling paragraph should take up the other 2/3 space remaining.