IST 400
Advanced Web Design
Spring 2016
Lab 2

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 10th at 12:45PM** to submit this assignment!

Grading:
Exercise 1: exercise1.html (3 Points)
From the root folder of the extracted lab1.zip file, refer to the file /mockups/exercise-1.png to create the page shown.

For this exercise, I want you to create five flex containers. Each container will be 200px tall. Each flex item should have 10px margin on all sides.

1. *Flex Container 1* – There should be two flex items, equal in size, taking up all available space.
2. *Flex Container 2* – There should be three flex items in this container. The first and the last should be equal in size, while the middle item is twice their size.
3. *Flex Container 3* – Similar to container 2, except the first and last should be twice the size of the middle item.
4. *Flex Container 4* – Each flex item should take up 1/3 of the available space. The first one should be positioned on the left side of the container, and the second on the right.
5. *Flex Container 5* – Each flex item should take up ¼ of the available space. The first two items should be positioned on the left side of the container, the third element on the right.

Exercise 2: exercise2.html (3 Points)
From the root folder of the extracted lab1.zip file, refer to the file /mockups/exercise-2.png to create the page shown.

For this exercise, there should be three "cards" displayed side by side, in the middle of the viewport. I've given you the HTML for this exercise, I want you to add the necessary style rules. Please do your best to match the sizes and colors used in my mockups.

Exercise 3: exercise3.html (4 points)
From the root folder of the extracted lab1.zip file, refer to the file /mockups/exercise-3.png to create the page shown.

For this exercise, I want you to recreate this common page layout using the Flexbox layout mode. The header and the footer will be fixed heights of 100px and 200px, respectively. Between these sections, this content area should "flex" vertically to fill all remaining space.

Within this middle section are three elements. The elements on the left and right sides will each be a fixed width of 200px. The element between these two side elements should "flex" horizontally to fill all remaining space.

NOTE: You do not need to add the text within this middle section. I did this just for demonstration purposes. However, please use the correct sizes, colors and margin/padding values for all elements.