IST 400
Advanced Web Design
Spring 2016
Lab 7

Instructions:

1. To get started, download the *lab7.zip* file from Blackboard.

Grading:

The amount of points awarded for each exercise will be based on the following criteria:

1. Are you properly creating animations and applying those to the appropriate elements?
2. Do your animations also specify proper values for additional properties like delay, iteration, direction and fill-mode?

For this week's lab, **I do not want you to change the HTML**! Use the markup I've provided to create your selectors and to style these pages.

This lab will be due Thursday, November 5th at 2:00 PM!

Exercise 1: index.html (10 points)

1. The "loading screen" should appear on the page for 4 seconds. It should then slide upwards, off the screen, and fade out over the course of 1 second.

2. Within the "loading screen", the heading (h1) and the "progress bar" should both slide into place and meet in the middle. The heading should slide downward 200px to its natural position and fade in. The "progress bar" should slide up 200px and fade in. Both of these animations should take a half second (.5s).

3. Within the "progress bar," there are three dots. These dots should each scale from their full size to 0 over the course of a half second. After the animation is complete, it should re-animate in backwards fashion and repeat infinitely. The first dot should begin animating immediately when the page is loaded, the second dot should wait a quarter of a second (.25s), and the third dot should wait a half second.

4. Once the "loading screen" has animated off the page, the social media icons should move into view. The social media icons will need to slide in from the left hand side of the page. They should travel from off the screen into view over the course of 1 second and fade in. The first icon should come in as soon as the loading screen has moved out of view, the second a quarter of a second later (.25s), the third a quarter second after that, and the last another quarter second later.

5. The final aspect of this page is based on the jQuery plugin added to the site (Slick Carousel: http://kenwheeler.github.io/slick/). **NOTE: You will not have to write any javascript or modify existing script on the page.** The photos on this page will rotate when the dots are clicked towards the bottom of the picture. This functionality is handled by the plugin code file (js/slick.js). When the photos rotate, a class ("slick-active") is added by the plugin to the elements with class "slide" on the page (Inspect the page to see!). We will need to use this class within our stylesheet to apply an animation to the image. Apply an animation to the class "slide-image" if it's parent has the class "slick-active". This animation will make this element scale from its original size to 1.2 times it's original size. At the same time, it should

also move 25px to the right and 25px downward. This animation should take 10 seconds, repeat infinitely and alternate in directions after each iteration.

6. The final part of this lab is related to the previous step. When the slider rotates, the class "slick-active" is added, and we have the trigger we need for a transition. The class "slide-text" should translate to the left 100% (back to it's original position). This transition should take 1 second.