

IST 400

Advanced Web Design

Spring 2016

Lab 8

Instructions:

1. To get started, download the *lab8.zip* file from Blackboard.

Grading:

This exercise will be worth 10 points. Full credit will be rewarded for the successful completion of each item below. You will be allowed to modify the HTML file to add script, but **you cannot modify any of the HTML elements on the page!** You also cannot make any changes to the CSS file. The only changes you should be making are adding scripts to these pages.

This lab will be due Wednesday, April 13th at 12:45 PM!

Exercise 1: exercise1.html (2 Points)

1. Change the background color of the `<body>` element to black using the jQuery `css()` method.
2. Change the text of the `<p>` tag to “Winter is coming.” Also, using “chaining”, change the color of the text of this `<p>` to white in the same statement.

Exercise 2: exercise2.html (2 Points)

1. When you click the “sigil” class, the `` element within that element only will need to be displayed.
2. When you click the same “sigil” a second time, the child `` should be hidden.

Exercise 3: exercise3.html (3 Points)

For this exercise, **you cannot use jQuery UI or any other plugins!**

1. When the DOM is ready, “open” the first tab and hide the others. Apply the class “active” to the first tab’s button (``).
2. Attach event handlers to the buttons (``’s) in the menu. When any of these buttons are clicked, the related tab should be “opened” and the others “closed”. In addition, add the class “active” to the clicked button, and remove it from the others.

Exercise 4: exercise4.html (3 Points)

1. You will need to attach an event handler to the image within each section. When this image is clicked, you will need to add the class “expanded” to the `<body>` element. Next, you will need to add the class “active” to the section containing the image that was clicked. **NOTE:** *Please check out the expanded and active CSS classes in the stylesheer. When possible, it is always better to use CSS to handle animations and effects. They can create a smoother, more seamless effect – adding/removing CSS classes helps separate presentation from content/interaction and is an extremely important tool used extensively by professional developers in all industries.*
2. Add a click event to the close icon within each section. When it is clicked, you will need to undo the changes from when the section was opened – the class “expanded” should be removed from the `<body>` and “active” class should be removed from the parent section.