Deadline
Due by the end of lab today. (Submit whatever you have by the end of lab, even if incomplete.)

How to submit
Submit your files for this lab using ~st10/328submit on nrs-labs, with a homework number of 86.

Requirements
• You are required to work in pairs for this lab exercise.
• Make sure BOTH of your names appear in each file submitted

The Exercise:
• Start by grabbing the posted "plain" HTML5 page lab6.html.
  – put it in one of your nrs-project's public_html directory.
  – ADD a level-2 heading including BOTH of your names.
  – ADD a link from that nrs-project's public_html directory's index.html to link to lab6.html, such that if I follow that pair member's name from:
    http://users.humboldt.edu/smtuttle/s14cs328/328student-pages.php
    ...I'll see this link to lab6.html and it will work.
  – Test that it does indeed work.
  – (Be sure to read the opening paragraphs, also, as they contain some important additional jQuery tidbits that explain why the form validation attempted at the end of W6-2's class did not initially work... 8-) )
• Create an external CSS file lab6.css
  – Include a comment with both of your names and today's date
  – Start this out with at least 3 style rules of your choice.
  – Modify lab6.html to use lab6.css.
  – Test that lab6.html is indeed now using lab6.css.
• Create an external JavaScript file lab6.js
  – Include a comment with both of your names and today's date
  – Start this out with just an alert pop-up giving a message of your choice.
  – Add a noscript element to the body of lab6.html, warning that the user has JavaScript disabled, and the page will not behave as expected without JavaScript.
  – Add a rule to your lab6.css to style this noscript element in a visible, noticeable fashion of your choice.
Modify lab6.html to use both jQuery (make a local copy from jquery.com or link to a public version) and lab6.js

Test your page -- do you see the alert pop-up?

Disable JavaScript, and test your page -- do you see your warning? (Then re-enable JavaScript.)

(You may comment-out that alert in lab6.js now, if you like -- but do NOT delete it.)

Begin the jQuery code to lab6.js to specify actions you’d like to be taken when the document is able to be manipulated. You’ll be adding to this in the steps below.

Consider the buttons labeled as Add and Multiply in lab6.html, and the two textfields preceding them.

Using jQuery, within lab6.js, add a click handler to the Add button such that, when it is clicked it will attempt to add the values in those two textfields, and show the result within the paragraph that starts out as "And the result is..." (That is, change that paragraph's contents.)

Using jQuery, within lab6.js, add a click handler to the Multiply button such that, when it is clicked it will attempt to multiply the values in those two textfields, and show the result within the paragraph that starts out as "And the result is..." (That is, change that paragraph's contents.)

(You can choose how it complains if there aren't numbers in the textfields at that point...)

Make sure these buttons, when clicked, now indeed add and multiply numbers entered into those textfields.

Consider the information form in lab6.html.

within lab6.js, write a function minFilled that returns true only if there is something in the first 2 textfields in this form, and returns false otherwise.

Using jQuery, add a submit handler to this form that uses minFilled to make sure this form can be submitted only if the first two fields have contents.

Make sure that the form's submit button, when clicked, indeed only allows the submit action to complete if there is something in the first two textfields.

Consider the following jQuery methods:

addClass removeClass toggleClass

I think you should be able to read about these at http://api.jquery.com/

Add code to your files such that you use at least one of these (more is fine!) in lab6.js in some way that is noticeable within lab6.html.

(You may add additional elements to lab6.html and additional rules to lab6.css as desired as part of this.)

Consider the following jQuery methods:

fadeOut fadeIn fadeTo slideDown mouseenter mouseleave hide slideToggle

I think you should be able to read about these at http://api.jquery.com/

Add code to your files such that you use at least two of these (more is fine!) in lab6.js in some way that is noticeable within lab6.html.

(You may add additional elements to lab6.html and additional rules to lab6.css as desired as part of this.)