

Working with Forms

In this lab, you'll demonstrate your understanding of concepts presented in chapter 13, and enhance your pages with the form techniques discussed in the chapter. Since we're taking chapters a little out of order you'll need to start the lab with the files provided in Moodle.

Getting Started

1. Read chapter 13 in the *Murach* textbook.
 2. Download the **CS125hLab08.zip** file from Moodle and extract its contents onto your drive.
 3. Rename the folder **YourLastName-CS125hLab08**.
 4. Open the folder to explore its contents. The *murach_ch13* folder contains files you'll need to complete practice activities from the end of each chapter. The *hands-on* folder will be where you store your self-generated web page (and any related files).
 5. Add subfolders that you think are appropriate to the *hands-on* folder. You will need one folder to organize your CSS files and potentially another folder to organize your image files.
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Adding a Styled Form to an Existing Web Page (40 points)

6. Follow the directions to improve the format of the San Joaquin Valley Order page that begin on page 460 of the textbook, with the following modifications:
 - a. The `tickets.html` and `tickets.css` files are located within the *murach_ch13* folder inside the *CS125hLab08* folder that you downloaded. The HTML file is in the root of the folder and the CSS file is in the *murach_ch13/styles* folder.
 - b. Add an HTML comment to the **head** section of the **tickets.html** page and then a CSS comment in the `tickets.css` file that includes your name, the date, and CS 125H - Lab 8
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Adding a Form to Your Own Page (40 points)

7. Create a structured web page in your text editor (or open the page you worked on last week) and save it inside the **YourLastName-CS125hLab08/hands-on** folder as **index.html** or begin creating a new page with the name of your choice.
8. Create a CSS file in your text editor and save it in an appropriate subfolder of the *hands-on* folder or move an existing CSS file into the folder. The filename should follow good web naming conventions, but is of your own choosing.
9. Add (or modify) a comment to the external stylesheet containing your name, the date, and "CS 125H - Lab 8"

10. Link your index.html file to the external stylesheet.
 11. Add HTML to the page and styles to the stylesheet to create a beautifully marked up form. Demonstrate each of the following in some way:
 - a. A form that collects information from users, marked up with the appropriate HTML form tags. This could be:
 - A “contact us” form
 - An order form
 - A survey of some kind
 - Up to you!
 - b. The form should demonstrate appropriate use of:
 - Appropriate form elements to collect the desired data (in other words, picking the best form element type for the data. What would be the best match for an email address? Or a number? Hint: neither one of these is best suited to type=”text”!)
 - At least **four** different types of form elements. (Your submit button will count as one of these four)
 - HTML5 form validation techniques to ensure that forms are properly completed before submitted
 - c. The use of styles to create an attractive, easy to read form. This is pretty open ended, but at a minimum you should
 - Create a specific, consistent style for the labels on your form
 - Create a specific, consistent style for the inputs on your form
 - Create a style that provides visual feedback to identify any invalidly completed form elements
 12. Validate your HTML page & CSS file and correct any errors.
 13. Compress the YourLastName-CS125hLab08 folder and upload through the appropriate link in Moodle. To zip a folder, right-click on the folder and select Send To > Compressed (zipped) folder. This will create a new file with the same name as the folder, but with the .zip file extension added and a zippered folder icon.
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Weekly Discussion (20 points)

Topic: Progress Report

Your progress on your term project can be in the area of your choice. Use this forum to provide us with a brief update. Your post should include a written summary of the work completed this week PLUS either attached files or links to [published pages](#).

Provide constructive feedback to at least two other students on their progress so far. Constructive feedback may include suggestions for how to improve existing pages, suggestions for additional content or style exploration, questions on work completed so far, etc.