

Assignment 5: Advanced CSS and JavaScript

PART 1: Book Rep CRM (Chapter 5, Project 2)

Overview

Demonstrate your proficiency with absolute positioning and floats by modifying chapter05-project02.css so that chapter05-project02.html looks similar to that shown in the next page.

Instructions

1. Examine chapter05-project02.html in the browser. The file does not need to be modified in the project.
2. You will create the three-column layout using absolute positioning and margin settings as described in Section 5.4.1 of the textbook.
3. Within the main column, the company and client addresses will use floats rather than positioning.
4. Within the boxes for recent messages, weekly changes and top sellers, you will need to use floats, block display, and padding values.

Test

1. Be sure to test by increasing/ decreasing the browser zoom level. If you have used em units for font sizes and most margin and padding values, it should scale to the different zoom levels.

Chapter 5

localhost/cs3500/done/0133851389_done_ch05-219877/chapter05/chapter05-project2.html

Not A Real CRM

DashboardContactsTasks

John Locke

Senior Sales Rep

Settings | Logout

Dashboard / Sales




Invoice

Pearson Ed Canada

26 Prince Andrew Place
Don Mills, Ontario M3C 2T8
416-447-5101
1-800-263-9965

Martha Silk

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+1 (902) 450-0450

Title	Author	ISBN	Year
 Precalculus	Robert Blitzer	0321837347	2014
 College Algebra with Modeling & Visualization	Gary Rockswold	0321826132	2014
 Algebra and Trigonometry with Modeling & Visualization	Gary Rockswold	0321826124	2014

Send to Client


Weekly Changes


20New Orders


5New Books


6New Customers


Recent Messages


From [Ellie Sullivan](#)
On 4 October, 2014

From [Madalena Sampaio](#)
On 4 October, 2014


From [Puja Srivastava](#)
On 3 October, 2014


From [Mark Taylor](#)
On 2 October, 2014


From [Madalena Sampaio](#)
On 2 October, 2014


From [Ellie Sullivan](#)
On 1 October, 2014


Top Sellers

[English for Careers](#)

[Adaptive Filter Theory](#)

[Data Structures and Algorithm Analysis](#)

[Ownership Series: Ownership: Critical Thinking](#)

[Opportunities and Challenges of Workplace Diversity](#)

PART 2: Improving Art Gallery Search (Chapter 6, Project 3)

Overview

You will use the web page you built in Chapter 4, Project 2, and replace the existing content with an enhanced version (progressive enhancement) where a small piece of JavaScript is added so that every image can be hovered on to see a larger thumbnail as needed.

Instructions

1. Begin by adding a link to a JavaScript file in the head of your page.
2. Slightly modify the HTML to add a class for each thumbnail image.
3. In your JavaScript file, write a loop to seek out all the `img` tags with the newly defined class (hint: `querySelectorAll()`).
4. For each image, attach a listener on the `mouseover` event to create a new `` with a larger image inside (based on the `src` attribute). Add another listener on the `mouseout` event to hide the newly created ``.

Test

1. Reload the page and see that, as you hover over an image, a larger thumbnail is fetched and seen over the mouse location as shown in the next page.
2. As you move your mouse out, the page should return to the way it was before you hovered.

Chapter 4 - Form Process

Chapter 6

file:///E:/CS3500/Textbook/0133851389_labsol-216348/Online%20Lab%20Solution













Actions ▾

Apply

Genre ▾

Filter

Paintings

	Title	Artist	Year	Genre		
<input type="checkbox"/>			David, Jacques-Louis	1793	Romanticism	 Edit
<input type="checkbox"/>		 nor of	Bronzino, Agnolo	1545	Mannerism	 Edit
<input type="checkbox"/>		<i>Liberty Leading the People</i>	Delacroix, Eugene	1830	Romanticism	 Edit
<input type="checkbox"/>		<i>Arrangement in Grey and Black</i>	Whistler, James Abbott	1871	Realism	 Edit
<input type="checkbox"/>		<i>Mademoiselle Caroline Riviere</i>	Ingres, Jean-Auguste	1806	Neo-Classicism	 Edit

PART 3 (OPTIONAL): Art Store (Chapter 5, Project 3)

Note:

1. This part demonstrates how a real business web page should look like. CS3500 does not specialize in web page design. But it is always good to know how to construct a professional-looking web interface. There is quite an amount of HTML to write.
2. The part makes use of Bootstrap CSS framework, a powerful tool for web design. You want to spend a little more time to learn the tool.
3. This part is optional, since we have no time to teach Bootstrap CSS framework in class. You receive extra points (extra 50% of an assignment) if you complete this part.

Overview

Edit chapter05-project03.html and chapter05-project03.css so that the page looks similar to the one shown in the next page.

Instructions

1. Use the Bootstrap CSS framework included in the directory. You will need to add a fair amount of HTML in accordance with the Bootstrap documentation. Since you can use the various Bootstrap classes, you will need to write very little CSS.
2. The first step will be defining the basic structure. The web page shows that most of the content is contained within a main row (i.e. below the navbars and above the footer) that is composed of two columns (one 10 wide, the other 2 wide). The Bootstrap grid classes (e.g., col-md-10) are shown at the top of the figure. One of the columns has a nested row within it that contains the painting image and the data on the painting.
3. The web page identifies other Bootstrap components that are used in this project. You will need to use the online Bootstrap documentation for more information on how to use these components.

Testing

1. Be sure to test by increasing/decreasing the size of the browser window. If you shrink the browser window sufficiently, it should use the built-in Bootstrap media queries to adapt nicely to the smaller windows size. This will require you to construct the navbars with the appropriate collapse classes.

