

CS 290 – Fall 2015
Assignment 1 – 20 points

Due Wednesday 10/7/15 at 11:59pm. In Canvas submit a single pdf containing screen shoots of each webpage. We will use these to verify that you did not change the web page after the due date.

(10 points) Create a CS 290 web page that contains the following:

- Your Name and CS 290
- A list of links to five Homework Assignments. Each Assignment will have it's own webpage containing solutions for each problem on the assignment.
- A preliminary description of your Project. Include a heading and paragraph of text.
- Resources and information you may need for CS 290. Include links to external sources.
- A link to an About Page with information about you. This page should include at least one photo/image and your email address.

Remember to validate your web pages.

Problems 1 – 3 are Chapter 2 projects from the textbook. The start files are on Canvas. Problem 4 is your CS 290 web page. These problems will be graded by accessing their webpages from the Assignment 1 link at your CS 290 web page.

Problem 1: (10 points)

Project 1: Share Your Travel Photos, Chapter 2 page 91. The start files are on Canvas.

Problem 2: (10 points)

Project 2: Book Rep Customer Relations Management. Chapter 2 page 92.

Problem 3: (10 points)

Project 3: Art Store. Chapter 2 page 93.

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PROJECT 1: Share Your Travel Photos

DIFFICULTY LEVEL: Beginner

Overview

This project is the first step in the creation of a travel photo sharing website. The page you are given is augmented by this project to add a Related Photos section to the page.

Instructions

1. Open chapter02-project01.html in the editor of your choice, so you can start making changes.
2. Open a browser and direct it to the same file (or double click the file in most operating systems). You should see a page like the top part of Figure 2.23

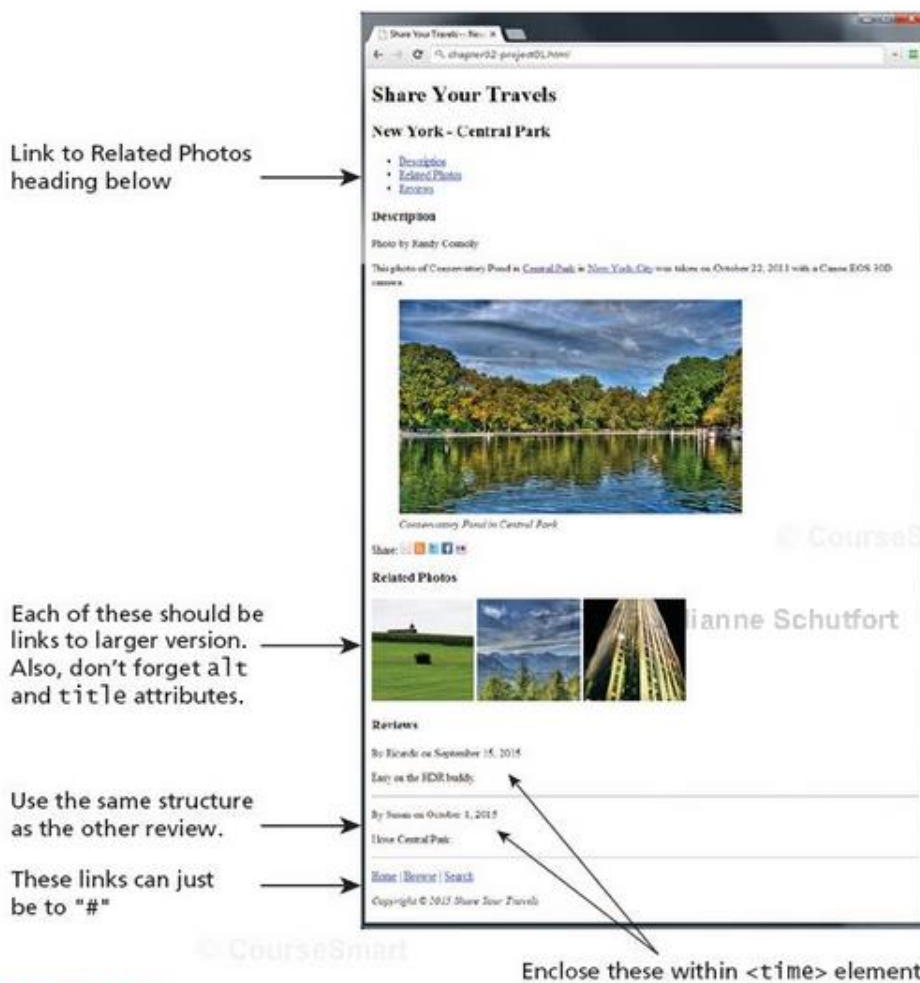


FIGURE 2.23 Completed Project 1

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3. Start by adding a link to *Related Photos*, in the unordered list that currently contains *Descriptions* and *Reviews*. (You can make the href attribute point to # for the moment.)
4. Now go down to the bottom of the page and add the new Related Photos `<section>`.
5. In the new section add three images from the ones provided in the images folder. Use the small images `related-square1.jpg`, `related-square2.jpg`, and `related-square3.jpg` in the src of your `` tag, but link to the large images with almost the same names.

Test

1. Firstly, test your page by seeing if it looks like the one in Figure 2.23.
2. Now check that the link correctly links the Related Photos link to the newly defined section, and that clicking on the related images brings up the larger versions.
3. Validate the page by either using a built-in tool in your editor, or pasting the HTML into <http://validator.w3.org/> and ensure that it displays the message: *This document was successfully checked as HTML5!*

PROJECT 2: Book Rep Customer Relations Management

DIFFICULTY LEVEL: Intermediate

Overview

This project is the first step in the creation of a CRM website. In this project you will be augmenting the provided page to use semantic HTML5 tags.

Instructions

1. Open `chapter02-project02.html` in the editor of your choice, and in a browser. In this project the look of your page will remain unchanged from how it looks at the start as shown in Figure 2.24.
2. Reflect on why adding semantic markup is a worthwhile endeavor, even if the final, rendered page looks identical.
3. Replace and supplement generic HTML tags like `<div>` with semantic tags like `<article>`, `<nav>`, or `<footer>` (for example). Some parts make sense to wrap inside a tag such as `<section>` or `<figure>`.

Test

1. Firstly, test your page side by side with the original in a browser to make sure it looks the same.
2. Validate the page by either using a built-in tool in your editor, or pasting the HTML into <http://validator.w3.org/> and seeing if it passes. You will notice to pass it must do many extra things like have alt attributes on `` tags.

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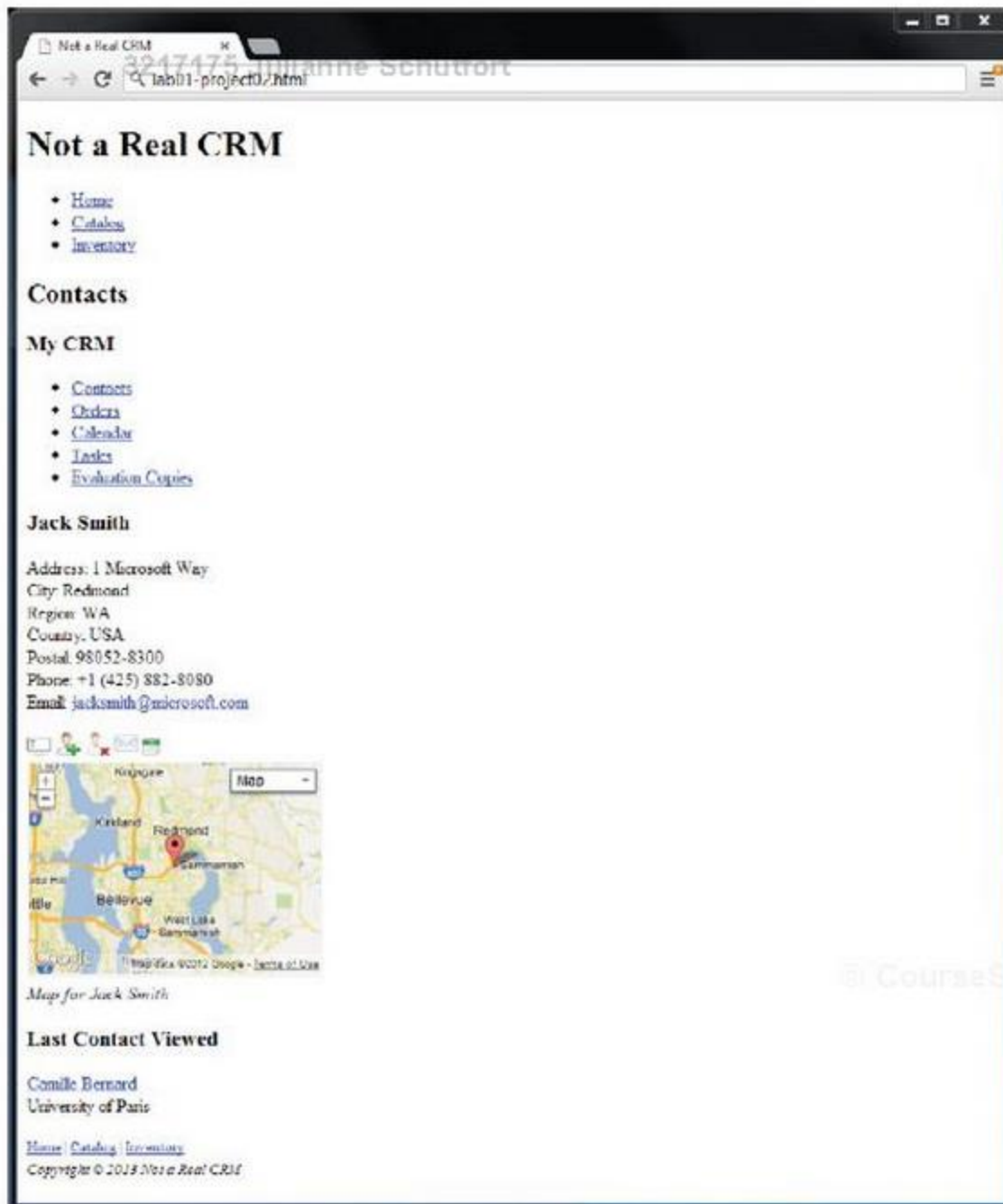


FIGURE 2.24 Completed Project 2

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PROJECT 3: Art Store

DIFFICULTY LEVEL: Advanced

Overview

This project is the first step in the creation of an art store website. Unlike the previous exercises, your task is to create an HTML page from scratch based on the image in Figure 2.25.

Instructions

1. Define your own chapter02-project03.html file in the editor of your choice, and open it in a browser.
2. Add markup and content, making best guesses as to what HTML markup to use.
3. Remember to try and get in the habit of using semantic markup, since it adds meaning and has no visual impact.

Test

1. Display your page in a browser, and determine if it looks like Figure 2.25.
2. Validate the page by pasting the HTML into <http://validator.w3.org/> and seeing if it passes.

My Sample Art Store

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Mademoiselle Caroline Rivière

by [Jean-Auguste-Dominique Ingres](#)



The portrait of Mademoiselle Caroline Rivière was painted in 1806 by the French Neoclassical artist Jean Auguste Dominique Ingres, and today hangs in the Louvre. It is the third of three portraits of the Rivière family the artist painted that year.

Date: 1806

Medium: Oil on Canvas

Dimensions: 100 x 70 cm

Home: Musée du Louvre, Paris

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Reviews

Love this painting

John Smith ★★★★★

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It's okay

Jane Doe ★★☆☆☆

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