

Extend Your Knowledge

Extend the skills you learned in this chapter and experiment with new skills. You may need to use additional resources to complete the assignment.

Converting an Old Template to a Semantic Wireframe

Instructions: Open your HTML editor and create the webpage with the wireframe and content shown in Figure 2–34. The starting data file contains many `div` tags that you will replace with more meaningful, semantic HTML5 elements.

Perform the following tasks:

1. Open the `ski02.html` file from the Data Files for Students and then modify the HTML code to update it to semantic HTML5 as shown in Figure 2–34. Be sure to make the following updates:
 - a. Change the DOCTYPE statement. The HTML5 DOCTYPE statement is different and greatly simplified from any version of the HTML4 DOCTYPE statement.
 - b. Replace the `<div id="name">...</div>` tags with their semantic HTML5 counterparts.
 - c. Add all of the content including two headings in the `<header>...</header>` section and the `<p>...</p>` paragraph content in the `<nav>`, `<main>`, and `<footer>` sections. The company name in the `<header>` section should be marked up with `<h1>` tags. The tagline “Let it snow, let it snow, let it snow” should be marked up with `<h2>` tags.
 - d. To mark up and duplicate the line spacing in the `<main>` section, insert a beginning paragraph tag before the “Ski Instructor:” text and insert an ending paragraph tag after the zip code. insert line break tags after the instructor’s name and the street address. Mark up the phone and email lines each as their own paragraph. Enter a line break tag after the phone number.

