

Complete the following:

1. Use your text editor to open the **contesttxt.htm**, **childtxt.htm**, **scenictxt.htm**, and **flowertxt.htm** files from the tutorial.02\review folder included with your Data Files. Enter *your name* and *the date* within each file, and then save them as **contest.htm**, **child.htm**, **scenic.htm**, and **flower.htm**, respectively, in the same folder.
2. Go to the **child.htm** file in your text editor. Directly below the `header` element, create a navigation list containing an unordered list with the following list items as hyperlinks:
  - a. **Home** linked to the `camhome.htm` file
  - b. **Tips** linked to the `tipweek.htm` file
  - c. **Contest** linked to the `contest.htm` file
  - d. **Glossary** linked to the `photogloss.htm` file
3. Go to the `section` element and locate the `contest1.png` inline image. Directly below the inline image, insert an image map with the following properties:
  - a. Set the name of the image map as **contestmap**.
  - b. Add a polygonal hotspot pointing to the `child.htm` file containing the points (427, 5), (535, 20), (530, 59), and (421, 43). Enter **Child Photos** as the alternate text for the hotspot.
  - c. Add a polygonal hotspot pointing to the `flower.htm` file containing the points (539, 57), (641, 84), (651, 46), and (547, 26). Enter **Flower Photos** as the alternate text for the hotspot.
  - d. Add a polygonal hotspot pointing to the `scenic.htm` file containing the points (650, 86), (753, 125), (766, 78), and (662, 49). Enter **Scenic Photos** as the alternate text for the hotspot.
4. Apply the `contestmap` image map to the `contest1` inline image.
5. Locate the three `h2` elements naming the three child photo winners. Assign the `h2` elements the ids **photo1**, **photo2**, and **photo3**, respectively.
6. Save your changes to the file.
7. Go to the **flower.htm** file in your text editor. Repeat Steps 2 through 6, applying the image map to the `contest2.png` image at the top of the `section` element.
8. Go to the **scenic.htm** file in your text editor. Repeat Steps 2 through 6 applying the image map to the `contest3.png` image at the top of the `section` element.
9. Go to the **contest.htm** file in your text editor. Repeat Step 2 to insert a navigation list at the top of the page.
10. Scroll down to the second article. Link the text *Child Photos* to the `child.htm` file. Link *Flower Photos* to the `flower.htm` file. Link *Scenic Photos* to the `scenic.htm` file.
11. Scroll down to the nine thumbnail images (named `thumb1.jpg` through `thumb9.jpg`). Link each inline image to the corresponding `h2` heading in the `child.htm`, `flower.htm`, or `scenic.htm` file you identified in Step 5.
12. Scroll down to the `aside` element. Mark the text *Gerry Hayward* as a hypertext link to an e-mail address with **ghayward@camshots.com** as the e-mail address and **Photo Contest** as the subject line.
13. Mark the text *BetterPhoto.com* as a hypertext link pointing to the URL **http://www.betterphoto.com**. Set the attribute of the link so that it opens in a new browser window or tab.
14. Save your changes to the file.
15. Open **contest.htm** in your Web browser. Verify that the e-mail link opens a new mail message window with the subject line *Photo Contest*. Verify that the link to *BetterPhoto.com* opens that Web site in a new browser window or tab. Verify that you can navigate through the Web site using the hypertext links in the navigation list. Finally, click each of the nine thumbnail images at the bottom of the page and verify that each connects to the larger image of the photo on the appropriate photo contest page.

16. Go to the **child.htm** file in your Web browser. Verify that you can navigate forward and backward through the three photo contest pages by clicking the hotspots in the image map.
17. Submit your completed files to your instructor, in either printed or electronic form, as requested.

### Case Problem 1

**Data Files needed for this Case Problem:** colleges.txt, hestyles.css, highered.jpg, modernizr-1.5.js, uwlisttxt.htm

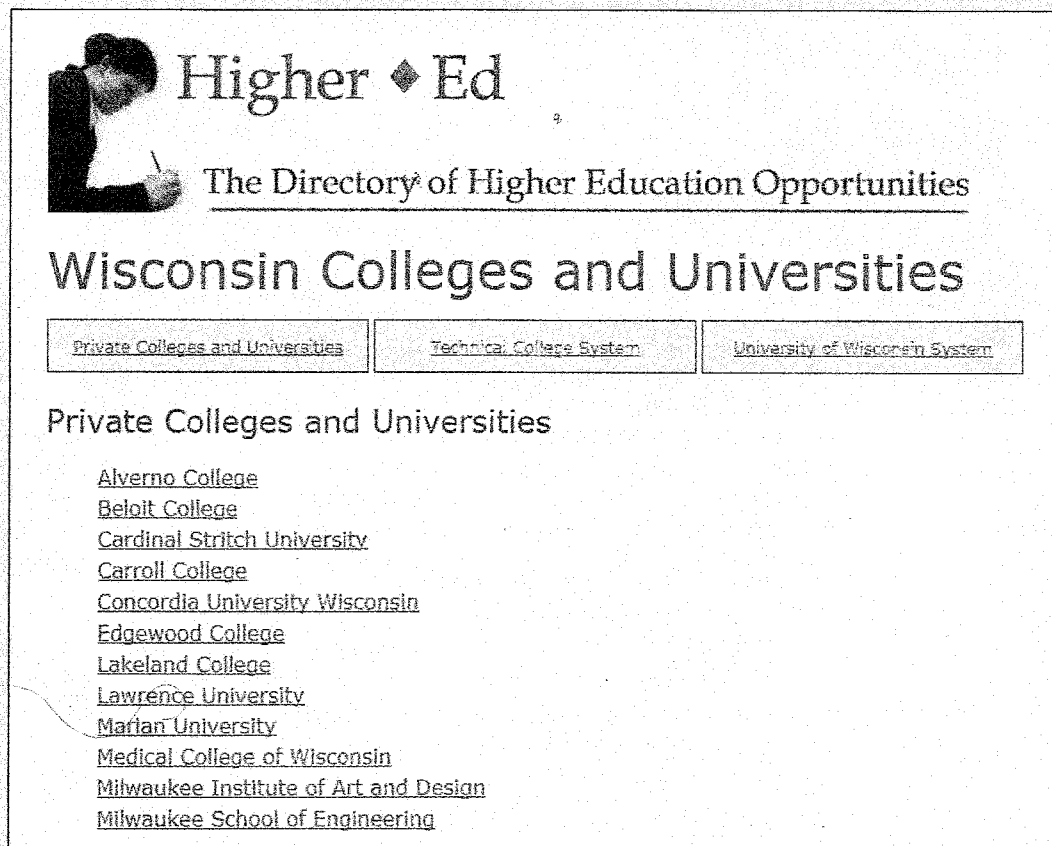
**HigherEd** Adella Coronel is a guidance counselor for Eagle High School in Waunakee, Wisconsin. She wants to take her interest in helping students choose colleges to the Web by starting a Web site called HigherEd. She's come to you for help in creating the site. The first page she wants to create is a simple directory of Wisconsin colleges and universities. She's created the list of schools, but has not yet marked the entries in the list as hypertext links. The list is very long, so she has broken it down into three categories: private colleges and universities, technical colleges, and public universities. Because of the length of the page, she wants to include hypertext links that allow students to jump down to a specific college category. Figure 2-50 shows a preview of the page you'll create for Adella.

APPLY

Apply your knowledge of hypertext links to create a directory of universities and colleges.

Figure 2-50

HigherEd Web site



The image shows a preview of the HigherEd web site. At the top left is a small black and white photograph of a person looking at a document. To the right of the photo is the text "Higher ♦ Ed" in a serif font. Below this is the subtitle "The Directory of Higher Education Opportunities" underlined. The main heading is "Wisconsin Colleges and Universities" in a large, bold, sans-serif font. Below the heading are three buttons with rounded corners and a thin border: "Private Colleges and Universities", "Technical College System", and "University of Wisconsin System". Under the "Private Colleges and Universities" button, a list of university names is displayed, each as a hypertext link (underlined). The list includes: Alverno College, Beloit College, Cardinal Stritch University, Carroll College, Concordia University Wisconsin, Edgewood College, Lakeland College, Lawrence University, Marian University, Medical College of Wisconsin, Milwaukee Institute of Art and Design, and Milwaukee School of Engineering.