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.
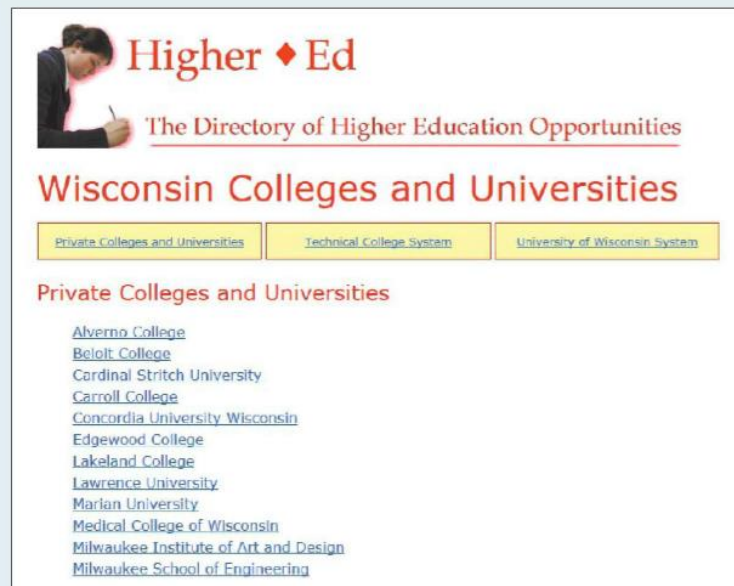
Case Problem 1

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.

Figure 2-50   HigherEd Web site

Higher ◆ Ed

The Directory of Higher Education Opportunities

Wisconsin Colleges and Universities

| Private Colleges and Universities | Technical College System | University of Wisconsin System |

Private Colleges and Universities

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
Milwaukee School of Engineering

Complete the following:

1. In your text editor, open the **uwlisttxt.htm** file from the tutorial.02\case1 folder included with your Data Files. Enter *your name* and *the date* in the file comments. Save the file as **uwlist.htm** in the same folder.

2. Directly below the h1 heading, insert a navigation list containing an unordered list with following list items: **Private Colleges and Universities**, **Technical College System**, and **University of Wisconsin System**.

3. Add the ids **private**, **technical**, and **public** to the three h2 headings that categorize the list of schools.

4. Mark each of the school entries on the page as a hypertext link. Use the URLs provided in the colleges.txt file. (Hint: Use the copy and paste feature of your text editor to efficiently copy and paste the URL text.)

⊕ EXPLORE

5. Adella wants the links to the school Web sites to appear in a new tab or window. Because there are so many links on the page, add a base element to the document head specifying that all links open by default in a new browser window or tab named **collegeWin**.

6. Link the three items in your navigation list to the corresponding h2 headings.

⊕ EXPLORE

7. For each of the hypertext links you marked in Step 6, set the link to open in the current browser window and not in a new browser window or tab.

8. Save your changes to the file.

9. Open **uwlist.htm** in your Web browser and verify that the school links all open in the same browser window or tab, and that the links within the document to the different school categories bring the user to those locations on the page but not in a new window or tab.

10. Submit your completed files to your instructor, in either printed or electronic form, as requested.

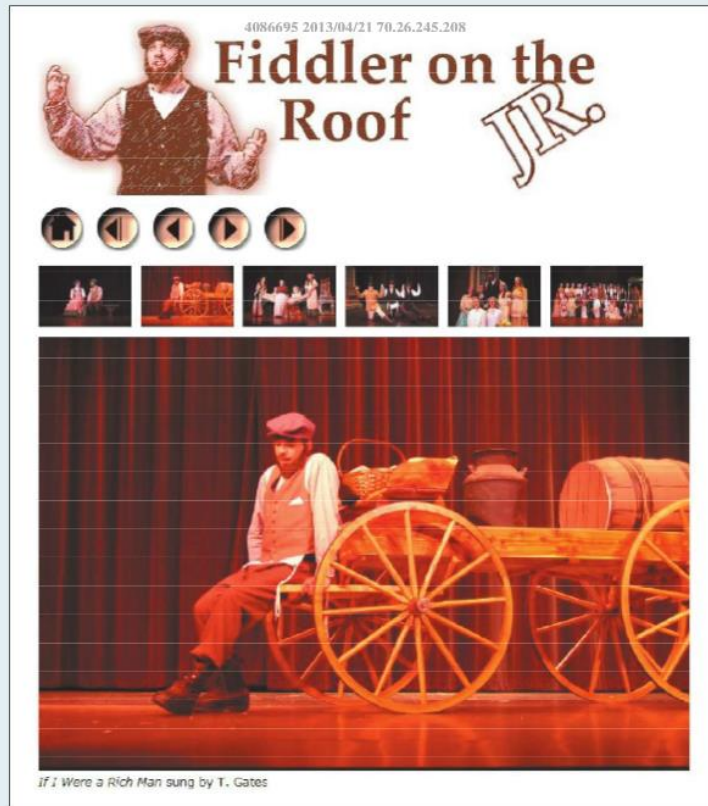*Apply your knowledge of HTML to create a slide show Web site.*

APPLY

Case Problem 2

Data Files needed for this Case Problem: fiddler.jpg, fidstyles.css, first.png, home.png, hometxt.htm, last.png, modernizr-1.5.js, next.png, prev.png, slide1.jpg–slide6.jpg, slide1txt.htm–slide6txt.htm, thumb1.jpg–thumb6.jpg

Lakewood School   Tasha Juroszek is a forensics teacher at Lakewood School, a small private school in Moultrie, Georgia. Tasha has just finished directing her students in *Fiddler on the Roof, Jr.* and wants to place a slide show of the performances on the Web. She has already designed the layout and content of the pages, but needs help to finish the slide show. She has asked you to add hypertext links between the slide pages and the site's home page. Figure 2-51 shows a preview of one of the slide pages on the Web site.

Figure 2-51   Fiddler on the Roof, Jr. slide page

if I Were a Rich Man sung by T. Gates

Complete the following:

1. Use your text editor to open the **hometxt.htm** file and the **slide1txt.htm** through **slide6txt.htm** files from the tutorial.02\case2 folder included with your Data Files. Enter *your name* and *the date* in the comment section of each file. Save the files as **home.htm** and **slide1.htm** through **slide6.htm**, respectively.

2. Return to the **slide1.htm** file in your text editor. At the top of the page are five buttons used to navigate through the slide show. Locate the inline image for the home button (home.png) and mark it as a hypertext link pointing to the home.htm file. Add the tooltip **Home Page** to the hyperlink.

3. There are six slides in Tasha's slide show. Mark the First Slide button as a hypertext link pointing to the slide1.htm file. Mark the Last Slide button as a link to the slide6. htm file. Link the Previous Slide button to slide1.htm, the first slide in the show. Link the Next Slide button to the slide2.htm file. Add an appropriate tooltip to each hyperlink.

4. Directly below the slide show buttons are thumbnail images of the six slides. Link each thumbnail image to its slide page.

5. Save your changes to the file.

6. Repeat Steps 2 through 5 for the five remaining slide pages. Within each page, set the navigation buttons to go back and forth through the slide show. For the slide6. htm file, the Next Slide button should point to the slide6.htm file because it is the last slide in the show.

7. Go to the **home.htm** file in your text editor. Go to the first paragraph in the article and mark the text string *slide show* as a hypertext link pointing to the slide1.htm file.

8. Go to the end of the second paragraph and mark the phrase *contact me* as a hyper-text link pointing to the e-mail address **tashajur@lakewood.edu**, with the subject heading **Digital Photo**.

9. Save your changes to the file.

10. Load the **home.htm** file in your Web browser. Test the links in the Web site and verify that they allow the user to easily move back and forth through the slide show.

11. Submit your completed files to your instructor, in either printed or electronic form, as requested.

Explore how to use HTML to create an election results Web site.

CHALLENGE

Case Problem 3

Data Files needed for this Case Problem: dcoords.txt, dist1txt.htm–dist4txt.htm, ewlogo.png, ewstyles.css, kansasmap.png, kansastxt.htm, modernizr-1.5.js

ElectionWeb   Allison Hawks is a political science student at the University of Kansas. As part of a project for one of her courses, she is setting up a Web site to report results from the upcoming elections. She's asked for your help in designing and writing the hypertext links and image maps to be used throughout her site. She has created a set of sample files detailing hypothetical results for the races for governor, senator, and the four Kansas congressional districts. A preview of the site's home page is shown in Figure 2-52.