Test

1. Test the page in the browser. Verify that the calculations work appropriately by changing the values in the data.js file.

PROJECT 2: Photo Sharing Site

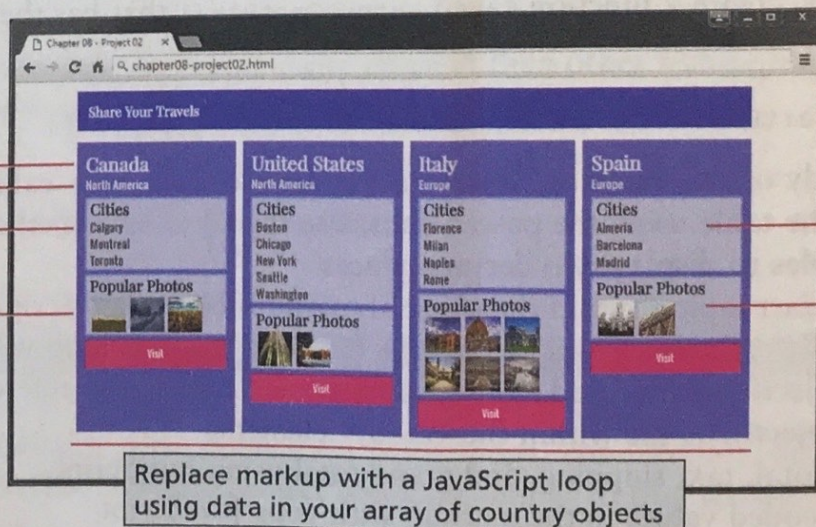**DIFFICULTY LEVEL: Intermediate**

Overview

Demonstrate your ability to create JavaScript objects and arrays as well as work with inner functions. The final project will look similar to that shown in Figure 8.27.

Instructions

1. You have been provided with the HTML file (chapter08-project02.html) that includes the markup (as well as images and stylesheet) for the finished version. Preview the file in a browser. You will be replacing the markup for the four country boxes with a JavaScript loop.
2. In the file data.js, create an array named countries that contains four object literals. Each object literal should contain four properties: name, continent, cities, and photos. The cities and photos properties should be arrays containing the city names and image filenames respectively.
3. In the file functions.js, create a function named outputCountryBox() that has the signature shown below. This function is going to generate the markup (using document.write) for a single country box.

```
function outputCountryBox(name,continent,cities,photos)
```

HANDS-ON EXERCISES

Project 8.2

Create array of four country object literals that contain name, continent, cities, and photos properties

Create an inner function to output cities box

Create an inner function to output photos box

Replace markup with a JavaScript loop using data in your array of country objects

FIGURE 8.27 Completed Project 2