Move <header> element into separate file and include it.

Use a loop to output these list items.

Create function to output single table row.

Do calculations and then output them.

Move this `<div>` element into separate file and include it.

FIGURE 11.18 Completed Project 2

8. Calculate the subtotal, shipping, and grand total using PHP. Replace the hard-coded values with your variables that contain the calculations. The shipping value will be $200 unless the subtotal is above $10,000, in which case it will be $100.

Test

1. Test the page in the browser (see the test section of the previous section to remind yourself about how to do this). Verify that the calculations work appropriately by changing the values in the **data.inc.php** file.

PROJECT 3: Share Your Travel Photos

DIFFICULTY LEVEL: Advanced

Overview

Demonstrate your ability to work with PHP by creating PHP functions and include files so that **Chapter11-project3.php** looks similar to that shown in Figure 11.19.

Instructions

1. You have been provided with a PHP file (**Chapter11-project3.php**) that includes all the necessary markup. Move the header and left navigation boxes

HANDS-ON
EXERCISES
Project 11.3

Move <header> element into separate file and include it.

Create function to output single post row.

Create function to output links.

Create function to output stars.

Move left navigation aside into separate file and include it.
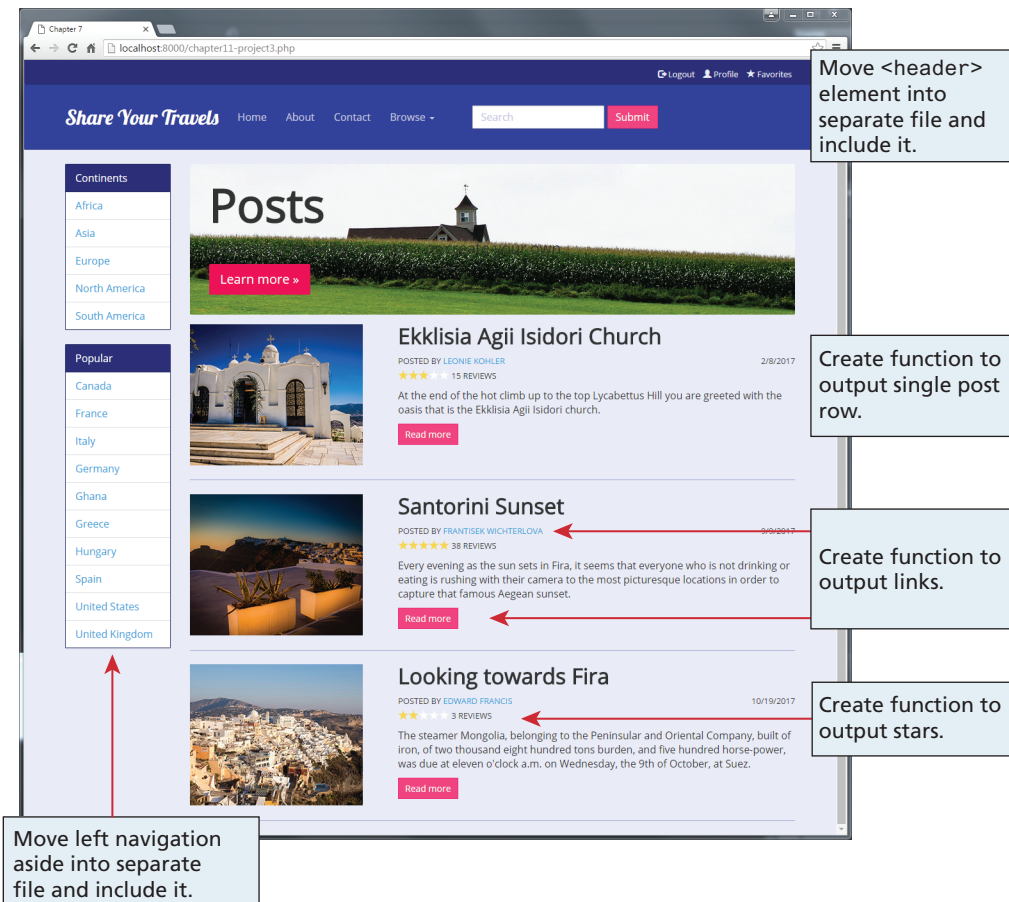
FIGURE 11.19 Completed Project 3

into two separate include files. Use the PHP `include()` function to include each of these files back into the original file.

2. Create a function called `generateLink()` that takes three arguments: `$url`, `$label`, and `$class`, which will echo a properly formed hyperlink in the following form:

```
<a href="$url"
class="$class">$label</a>
```

3. Create a function called `outputPostRow()` that takes a single argument: `$number`. This function will echo the necessary markup for a single post. For it to work, you will need to include a file called **travel-data.inc.php**. (Hint: remember PHP's scope rules). This is a provided file that defines

variables containing the post data for all three posts. Your function will need to use variable variable names (see Pro Tip examples). Be sure to also use your `generateLink()` function for the three links (image, user name, read more) in each post. Notice that these links contain query strings making use of the `userId` or `postId`.

4. Create a function that takes one parameter. This parameter will contain a number between (and including) 0 and 5. Your function will output that number of gold star image elements; after that it will also output however many white star images so that 5 stars total are displayed.

5. Modify your `outputPostRow()` function so that it calls your star-making function.

6. Remove the existing post markup and replace with calls to `outputPostRow()`, for instance: `outputPostRow(1);`

Test

1. Test the page in the browser. Verify that your star-making function works correctly by altering the data in **travel-data.inc.php**.

11.5.7 References

1. L. Welling and L. Thomson, *PHP and MySQL Web Development*, 5th ed., Addison-Wesley Professional, 2016.

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3. M. Doyle, *Beginning PHP 5.3*, Wrox, 2009.

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5. PHP, "include." [Online]. **http://ca2.php.net/manual/en/function.include.php**.

6. PHP, "Functions." [Online]. **http://ca2.php.net/manual/en/language.functions.php**.