

6. For an additional challenge, try outputting positional information in each span's style attribute to group similar colors as shown in Figure 11.7 (right). You will need to calculate and output the left, top, and z-index CSS properties.

#### Test

- 1. Test the page. Remember that you cannot simply open a local PHP page in the browser using its open command. Instead you must have the browser request the page from a server. If you are using a local server such as XAMMP, the file must exist within the htdocs folder of the server, and then the request will be localhost/some-path/chapter11-project1.php.
- 2. Verify that the logic works by editing the \$increment variable in the rainbowlterator.php file. Larger values will display fewer colors, and smaller values will display more colors.
- 3. Hover over any of the <span> elements and verify the hexadecimal color show up in the title tooltip (see Figure 11.17).

### **PROJECT 2: CRM Admin**

#### DIFFICULTY LEVEL: Intermediate

### Overview

Demonstrate your ability to work with PHP by converting Chapter11-project2.html into a PHP file that looks similar to that shown in Figure 11.18.

#### Instructions

- 1. You have been provided with an HTML file (Chapter11-project2.html) that includes all the necessary markup. Save this file as Chapter11-project2.php.
- 2. Move the header and the <div> for the left navigation area into two separate include files named header.inc.php and left.inc.php. Use the PHP include() function to include each of these files back into the original file.
- 3. Examine and then include the provided data.inc.php file. This file contains PHP variables that you will use below.
- 4. Use a for loop to output the list in the My Orders area (see Figure 11.18).
- 5. Create a function called outputOrderRow() that has the following signature:

```
function outputOrderRow($file, $title, $quantity, $price) { }
```

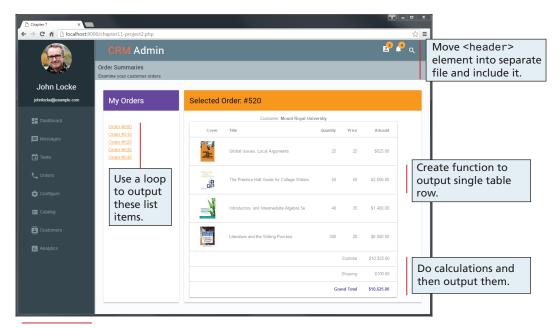
- 6. Implement the body of the outputOrderRow() function. It should echo the passed information as a table row. Use the number\_format() function to format the currency values with two decimal places. Calculate the value for the amount column.
- 7. Replace the four cart table rows in the original with the following calls:

```
outputOrderRow($file1, $product1, $quantity1, $price1);
outputOrderRow($file2, $product2, $quantity2, $price2);
```









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 (Chapter 11-project 3.php) that includes all the necessary markup. Move the header and left navigation boxes





