Exercise 2-2

In this exercise, you add a new Web page to the Olde World Shoe Repair Web site.

1. Create a new HTML 5 document in your text editor, and type the opening <!DOCTYPE> declaration, header information, and opening <body> tag. Use "Contact Information" as the content of the <title> element. (You will find it easiest to copy the existing elements in the OldeWorldShoeRepair.html file and paste them into the new file, then simply change the contents of the <title> element.)

2. In the document body, add an <h1> element that reads "Olde World Shoe Repair" and an <h2> element that reads "Contact Information", as follows:

```
<h1>Olde World Shoe Repair</h1>
<h2>Contact Information</h2>
```

3. Add the following contact information to the document:

```
<p>123 Main Street<br />
Anywhere, USA 12345<br />
Phone: (565) 555-1212</p>
<p>You can send us an e-mail at
<a href="mailto:info@oldworldshoes.com>info@oldworld
shoes.com"</a>.</p>
```

4. Type the following link that returns to the Olde World Shoe Repair home page:

```
<p><a href="OldeWorldShoeRepair.html">Home</a></p>
```

5. Save the file as **ContactUs.html** in your Exercises folder for Chapter 2.

6. Use the W3C Markup Validation Service to validate the **OldeWorldShoeRepair.html** and **ContactUs.html** files, and then open the **OldeWorldShoeRepair.html** file in your Web browser and test the links. Because the file does not contain much text, it will not be obvious that the links to the bookmark elements work unless your browser window is sized to be fairly small.

Exercise 2-3

In this exercise, you create a page for an employment Web site that includes a mailto link so job seekers can receive new job postings via e-mail.

1. Create a new HTML 5 document in your text editor, and type the opening `<!DOCTYPE>` declaration, `<html>` element, `<head>` element, content-type `<meta>` element, and `<body>` element. Use "Job Postings" as the content of the `<title>` element.

2. Type the following header elements and mailto link:

    ```
    <h1>Coast City Employment Opportunities</h1>
    <h2>Job Postings</h2>
    <p><a href="mailto:jobpostings@coastcity.gov">
    Send us a message to receive new job postings via
    e-mail.</a></p>
    ```

3. Save the file as **JobPostings.html** in your Exercises folder for Chapter 2.

4. Use the W3C Markup Validation Service to validate the **JobPostings.html** file, and then open it in your Web browser and test the mailto link.

Exercise 2-4

Although the bookmark links you created in this chapter jumped only to elements on the current page, you can also create bookmark links to specific elements on other pages. You create a link to a bookmark on another page by appending the # sign to the page's URL, followed by the value assigned to the id attribute of the element that is the target of the link. For example, to jump to an element with an id attribute of "mh2" on a Web page named MedicalHistory.html, you would use the following `<a>` element:

```
<a href="MedicalHistory.html#mh2">Serious
Illnesses</a>
```

In this exercise, you create a main Web page that lists some hiking destinations in the San Francisco Bay area. Each destination includes a link to a heading on another Web page that describes information about the hike.

1. Create a new HTML 5 document in your text editor, and type the opening `<!DOCTYPE>` declaration, `<html>` element, `<head>` element, `content-type` `<meta>` element, and `<body>` element. Use "San Francisco Bay Area Hiking Guide" as the content of the `<title>` element.

2. In the document body, add the following heading elements and hiking destination links to bookmarks on a Web page named HikingDestinations.html.

```
<h1>San Francisco Bay Area</h1>
<h2>Hiking Guide</h2>
<p><a href="HikingDestinations.html#hd1">
    Fort Funston</a></p>
<p><a href="HikingDestinations.html#hd2">
    Rodeo Beach</a></p>
<p><a href="HikingDestinations.html#hd3">
    Mission Peak</a></p>
```

3. Save the file as **HikingGuide.html** in your Exercises folder for Chapter 2.

4. Create another HTML 5 document in your text editor, and type the opening `<!DOCTYPE>` declaration, `<html>` element, `<head>` element, `content-type` `<meta>` element, and `<body>` element. Use "San Francisco Bay Area Hiking Destinations" as the content of the `<title>` element.

5. In the document body, add the following heading and paragraph elements that list information about each hiking destination. Notice that the `<h3>` elements include `id` attributes.

```
<h1>San Francisco Bay Area</h1>
<h2>Hiking Destinations</h2>
<h3><a id="hd1">Fort Funston</a></h3>
<p>Distance: 1.5 Miles<br />
Elev. (low/high): 0/183 ft.<br />
Difficulty: Easy</p>
<h3><a id="hd2">Rodeo Beach</a></h3>
<p>Distance: 4.3 Miles<br />
Elev. (low/high): 20/850 ft.<br />
Difficulty: Easy</p>
<h3><a id="hd3">Mission Peak</a></h3>
<p>Distance: 5.6 Miles<br />
Elev. (low/high): 425/2453 ft.<br />
Difficulty: Moderate</p>
```

6. Type the following link that returns to the San Francisco Bay Area Hiking Guide home page:

```
<p><a href="HikingGuide.html">Hiking Guide</a></p>
```

7. Save the file as **HikingDestinations.html** in your Exercises folder for Chapter 2.

8. Use the W3C Markup Validation Service to validate the **HikingGuide.html** and **HikingDestinations.html** files, and then open the **HikingGuide.html** file in your Web browser and test the links. Because the file does not contain much text, it will not be obvious that the links to the bookmark elements work unless your browser window is sized to be fairly small.