

# ACTIVITY 4-2

## Modifying Table Structure

### Data Files:

info-center4-1.html

### Before You Begin:

Open the info-center4-1.html file in the browser and in the Notepad application.

### Scenario:

You feel that the clarity of the data in the table can be enhanced by increasing the size of the table. You also want to insert another table header that is common to all three columns of the table.

What you do	How you do it
1. Increase the height and width of the table	<p>a. In the embedded style sheet, in the table style rule, click after border: solid 1px;, press <b>Enter</b>, and type</p> <p><b>height: 100px;</b> <b>width: 380px;</b></p> <p>to specify the height and width of the table.</p> <p>b. Save the file, switch to the <b>browser</b> window, and refresh the page.</p> <p>c. Observe that the size of the table has changed according to the specified dimensions.</p>
2. Add a table header.	<p>a. Switch to the Notepad application.</p> <p>b. Scroll down and in the body section, click after &lt;/caption&gt;, press <b>Enter</b>, and type</p> <pre>&lt;tr&gt;   &lt;th&gt;Seasonal   Temperatures&lt;/th&gt; &lt;/tr&gt;</pre> <p>to insert another header row containing one cell.</p> <p><i>See Code Sample 1.</i></p> <p>c. Save the file, switch to the <b>Browser</b> window, and refresh the page to display another header row with one cell.</p>
<p>Code Sample 1</p> <pre>&lt;table&gt; &lt;caption&gt;Climate in Chermont&lt;/caption&gt; &lt;tr&gt;   &lt;th&gt;Seasonal Temperatures&lt;/th&gt;&lt;/tr&gt; &lt;tr&gt;   &lt;th&gt;Seasons&lt;/th&gt;&lt;th&gt;Temp (in Farenheit)&lt;/th&gt;&lt;th&gt;Temp (in Celsius)&lt;/th&gt; &lt;/tr&gt; &lt;tr&gt;   &lt;td&gt;Avg. Winter Temp&lt;/td&gt;&lt;td&gt;25.00 F&lt;/td&gt;&lt;td&gt;5-3.89 C&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt;   &lt;td&gt;Avg. Summer Temp&lt;/td&gt;&lt;td&gt;75.40 F&lt;/td&gt;&lt;td&gt;24.11 C&lt;/td&gt; &lt;/tr&gt; &lt;/table&gt;</pre>	

3. Span the header across three columns

- a. Switch to the Notepad application.
- b. In the first <th> tag, click after <th> press the **Spacebar** and type **colspan="3"** to span the cell across three columns.

*See Code Sample 2.*

- c. Save the file, switch to the **Browser** window, and refresh the page to verify that the header cell containing the text "Seasonal Temperatures" spans across three columns.

### Code Sample 2

```
<tr>
  <th colspan="3">Seasonal Temperatures</th>
</tr>
```

The screenshot shows a Windows Internet Explorer browser window displaying the Citizens Information Center website. The address bar shows the file path: C:\Documents and Settings\Randee\Desktop\Citizens Information Center\info-center.html. The website has a blue header with the logo and navigation links: Home, Information Center, Newsroom, and Contact Us. Below the navigation is a section titled "Climate in Chermont" containing a table with the following data:

Seasonal Temperatures		
Seasons	Temp (in Farenheit)	Temp (in Celsius)
Ave. Winter Temp	25.00 F	5-3.89 C
Ave. Summer Temp	75.40 F	24.22 C

Below the table, there are sections for "Information Center", "Community Facilities" (listing Public Golf Clubs, Public Tennis Courts, Protestant Churches, Catholic Churches, Jewish Synagogues, Country Clubs, Gym and Aerobics Centers, and Spa and Beauty Centers), and "Major Service Providers of our Community".