

ACTIVITY 4-1

Creating a Table

Data Files:

info-center4-1.html

Before You Begin:

Open info-center4-1.html in your browser and in notepad

scenario:

Your manager would like you to describe the weather conditions in Chermont on the website. You decide to present this information in the form of a table and also add a title to the table.

The table is given below.

<i>Seasons</i>	<i>Temp (in Farenheit)</i>	<i>Temp (in Celsius)</i>
Average Winter Temperature	25.00 F	5-3.89 C
Average Summer Temperature	75.40 F	24.11 C

What to do	How to do it
1. Create the structure of the table.	<ol style="list-style-type: none">Scroll down and in the <body>section, click after the closing </p> tag of the first paragraph text of the web page, press Enter and type <table>Press Enter twice and type </table> to close the table container.Click in the blank line between the <table> tag and the </table> tag and type <tr>Press Enter twice and type </tr> to create the first row of the table.Click in the blank line between the <tr> tag and the </tr> tag, press Tab two times, and type <td></td> to create the first cell of the first row in the table.Select <td></td> to select the code for the first cell and press Ctrl+C to copy the code.Press End and press Ctrl+V two times to create the second and the third cells of the first row.Copy the code for the first row that starts with the opening <tr> tag and ends with the closing </tr> tag.Press End, press Enter, and paste the code on the line below the closing </tr> tag of the first row to create a second row containing three cells. <p style="text-align: center;"><i>See Code Sample 1.</i></p>

Code Sample 1

```
<table> <tr>
<td></td><td></td><td></td> </tr>
<tr> <td></td><td></td><td></td> </tr>
</table>
```

2. Enter the data for the table.

- a. Click after the first `<td>` tag of the first row and type **Avg. Winter Temp**

See Code Sample 2
- b. Save the file, switch to the browser window, and refresh the page to display the text for the first cell.
- c. Switch to the Notepad application.
- d. Similarly enter the text for the other cells of the table using the table given in the scenario.
- e. Save the file, switch to your browser and refresh the page to display the two rows.

Code Sample 2

```
<table> <tr>
  <td>Avg. Winter Temp</td><td></td><td></td> </tr><tr>
  <td></td><td></td><td></td></tr></table>
```

3. Create the structure of the table header.

- a. Switch to the Notepad application.
- b. Click after the `<table>` tag, press Enter, and type `<tr>`
- c. Press Enter twice and type `</tr>` to create the header row of the table.
- d. Click in the blank line between the `<tr>` tag and the `</tr>` tag, press Tab two times and type `<th></th>` to create a table header cell.
- e. Select `<th></th>` to select the code for the first header cell and press Ctrl+C to copy the code.
- f. Press **End** and press Ctrl+V two times to create the second and the third header cells of the first row.

4. Enter the data for the table header.

- a. Click after the first `<th>` tag and type **Seasons**

See Code Sample 3.
- b. Save the file, switch to the **browser** window, and refresh the page to display the table header text in bold.
- c. Switch to the Notepad application.
- d. Similarly enter the text for the other header cells of the table using the table given in the scenario.
- e. Save the file, switch to the **browser** window, and refresh the page to display the header row for the table in bold.

Code Sample 3

```
<table> <tr>
  <th>Seasons</th><th></th><th></th></tr><tr>
  <td>Avg. Winter Temp</td><td>25.00 F</td><td>5-3.89 C</td> </tr><tr>
  <td>Avg. Summer Temp</td><td>75.40 F</td><td>24.11 C</td> </tr></table>
```

5. Add Caption to the table.	<ol style="list-style-type: none"> Switch to the Notepad application. Click after the <code><table></code> tag, press Enter, and type <code><caption>Climate in Chermont</caption></code> to define the caption of the table. Save the file, switch to the browser window, and refresh the page to display the caption of the table.
6. Add border to the table.	<ol style="list-style-type: none"> Switch to the Notepad application In the embedded style sheet, scroll up and click in the line after the closing braces of the last style rule, press Enter and type <pre>table { border: solid 1px; }</pre> to apply a border to the table. Save the file, switch to the Browser window, and refresh the page to display the borders around the table.
7. Add borders to the table body cells.	<ol style="list-style-type: none"> Switch to the Notepad application. Press Enter and type <pre>td { border: solid 1px; }</pre> to apply a border to the body cells. Save the file, switch to the Browser window, and refresh the page to display the borders around the table body cells.
8. Add borders to the table header cells.	<p>Switch to the Notepad application.</p> <p>Press Enter and type</p> <pre>th { border: solid 1px; }</pre> <p>to apply a border to the header cells.</p> <p>Save the file, switch to the Browser window, and refresh the page to display the borders around the table header cells.</p>

