

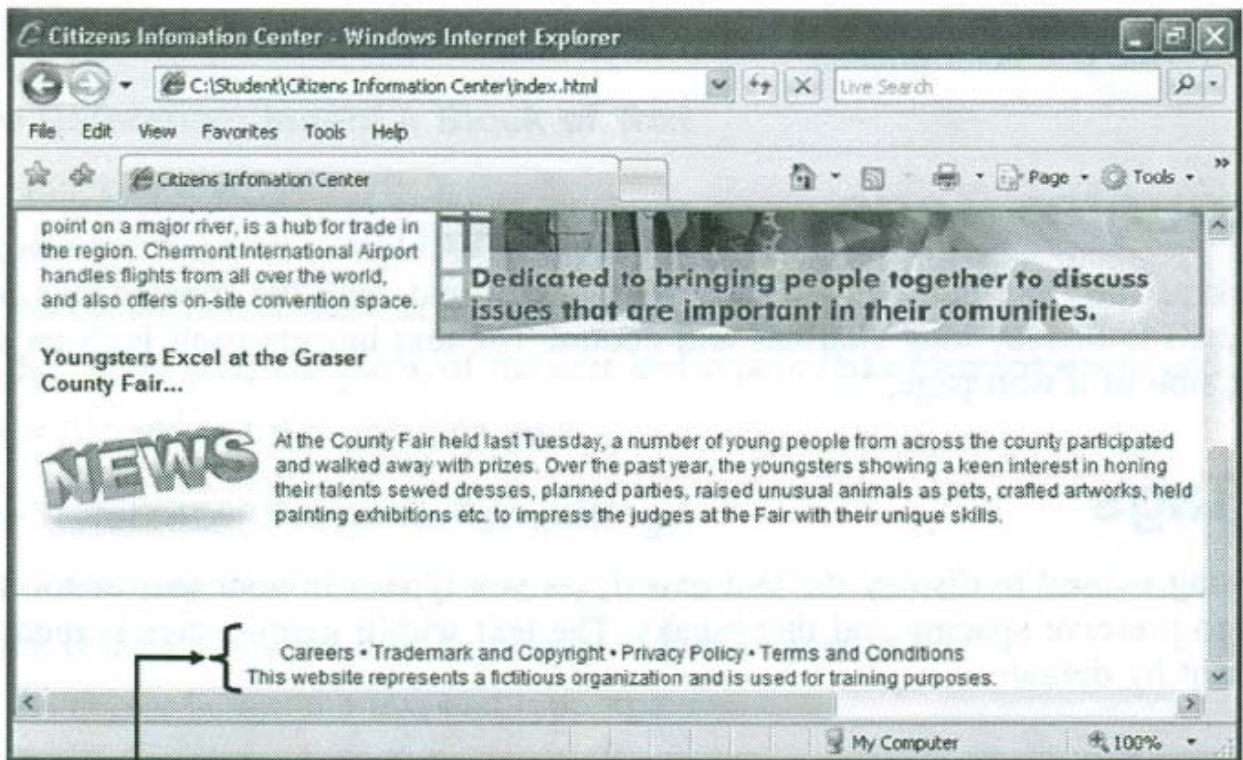
# TOPIC B Control Text Flow

You have divided blocks of text from each other and you feel the need to set some of the text within a block of text apart from the rest. You also intend to space out a few elements across the page contrary to what the browser does by default. In this topic, you will create and prevent line breaks, indent a particular block of text, and preserve the spacing and formatting you have done to a particular string of text.

Imagine that you have come up with a beautiful slogan for your company and you would like to display it on your website as a stand-alone text at the center of the home page. Using paragraphs or the headings is not sufficient in this case. In order to display the text according to your intention, you need to control the text flow by coding it accordingly.

## Line Breaks

When you use the `<p>` tag to make a string of text appear on a different line, it leaves a blank space above and below the block of text. Using the `<br />` tag, you can break a line of text, just where you want it to, and start a new one without any space between the two lines. A Line Breaks `<br />` tag is an empty element and has to be enclosed inside a `<p>` tag or other block-level tags.



Breaking lines without space

Figure 2-2: A line break to insert a break without a space between lines.

Most often, decreasing the size of your browser window may create unwanted line breaks. You can prevent such line breaks by using the `&nbsp;` character entity.

## Character Entities

XHTML character entities are a set of symbols that allow you to display a greater range of characters on your web pages than what is available on the keyboard. They also allow you to display reserved characters that the browser would normally interpret as XHTML. They are defined by either character or numeric codes.

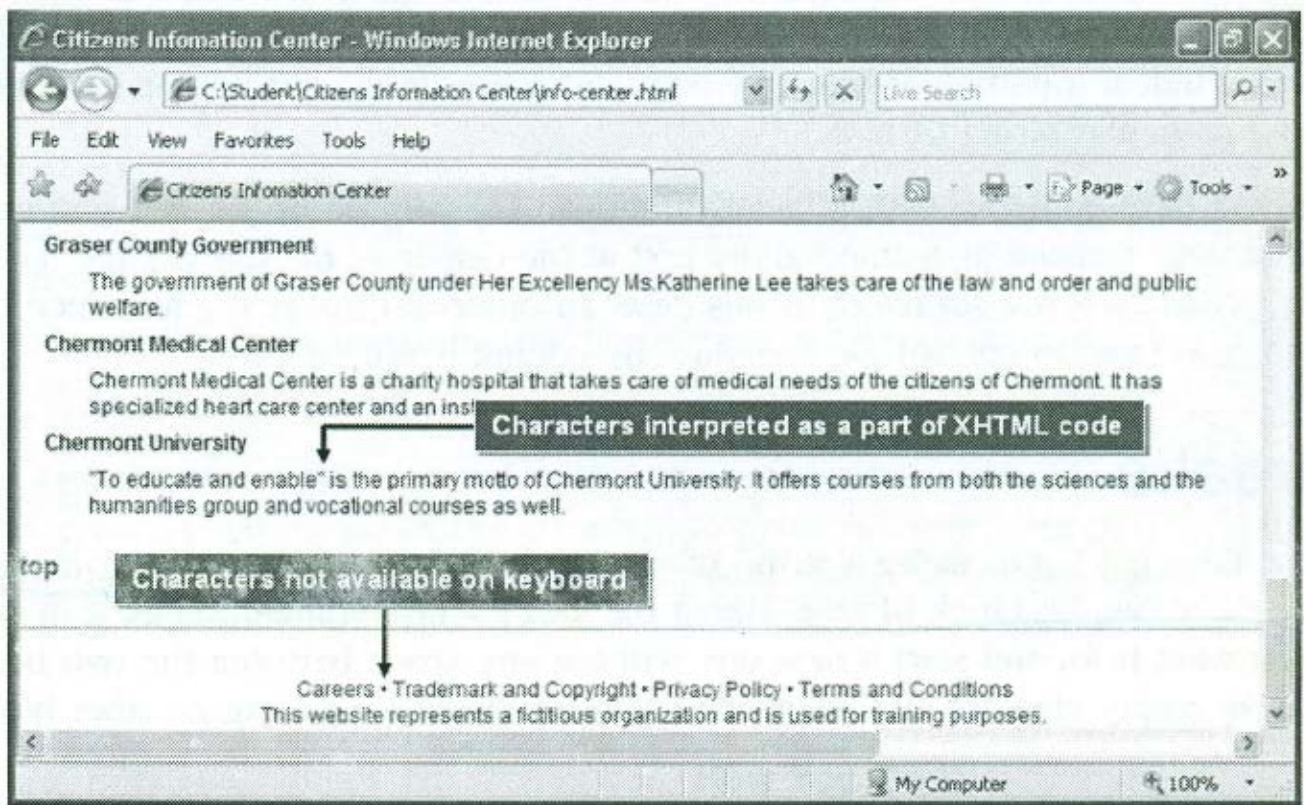


Figure 2-3: XHTML character entities.

## <blockquote> Tags

The **<blockquote>** tag is used to set apart a block of text from the surrounding content. It is normally used to display long citations and quotes. The text indents itself both on the left and the right side of a web page.

## <pre> Tags

The **<pre>** tag is used to display the text exactly as you type it in your text editor. It is mainly used to preserve spacing and line breaks. The text within **<pre>** tags is rendered in monospace font by default.

# How to Control Text Flow

## Procedure Reference: Create Line Breaks

To create line breaks:

- 1 Identify the lines wherein you would want a line break.
- 2 Type `<br/ >` in the determined locations.
- 3 Save the file and test it in the browser.

## Procedure Reference: Prevent Line Breaks

To prevent line breaks:

- 1 Determine the string of text that you would like to prevent the browser from forcing a line break.
- 2 Type `&nbsp;` between the words to enter a non-breaking space.
- 3 Save the file and test it in the browser.

## Procedure Reference: Insert a Character Entity

To insert a character entity:

- 1 Click before *To educate and enable* and type `&quot;` to insert a quotation mark.
- 2 Click after *enable* and type `&quot;` to close the quotation.
- 3 Save the file and switch to the browser.
- 4 Click the **Refresh** button to view the quotation marks.

## Procedure Reference: Indent a Block of Text

To indent a block of text:

- 1 Determine the text you would like to indent.
- 2 Place the cursor before the text and type `<blockquote>`.
- 3 Place the cursor after the block of the text and type `</blockquote>` to end the quote.
- 4 Save the file and test it in the browser.

## Procedure Reference: Preserve Formatting

To preserve formatting:

- 1 Type the text as you want it to be displayed in the browser.
- 2 Place the cursor before the text and type `<pre>`.
- 3 Place the cursor at the end of the text and type `</pre>`.
- 4 Save the file and test it in the browser.

# ACTIVITY 2-2

## Controlling Text Flow

### Data Files:

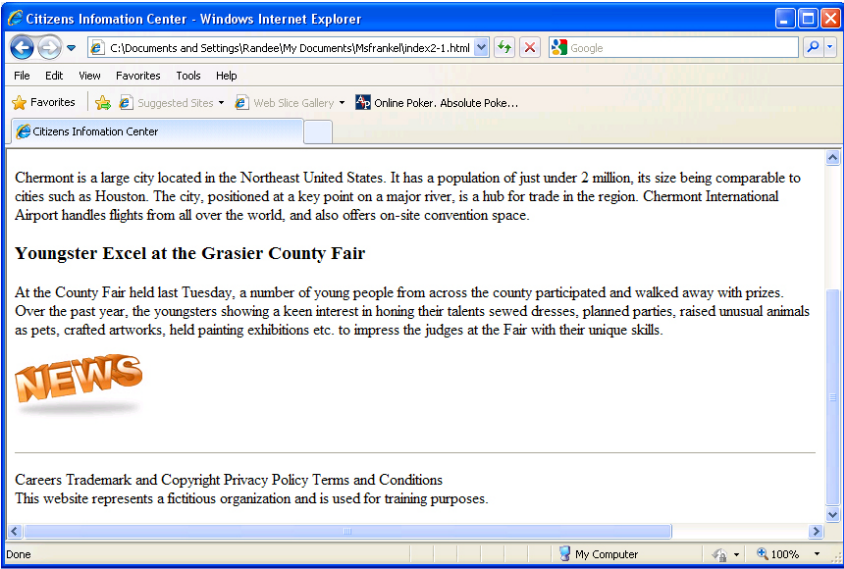
Index2-1.html

### Before You Begin:

Open both Internet Explorer and index.html.

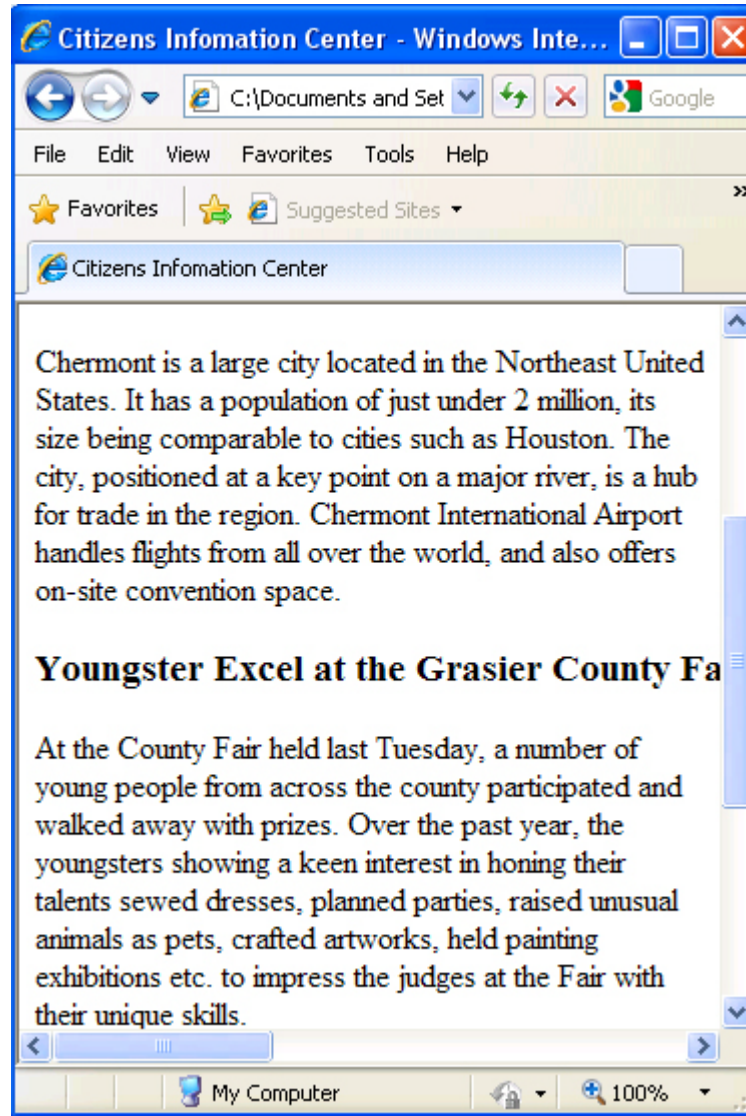
### Scenario:

You would like to separate the disclaimer from the navigation bar in the page footer section of your web page. You intend to prevent the line breaks between the headings. You would also like to separate a word from the other in the navigation bar of the page footer.

What you do	How you do it
<p>1. Create a line break between the navigation bar and the disclaimer note.</p>	<p>(a) In the <b>Notepad++</b> window, click after text <i>"Terms and Conditions"</i>.</p> <p>(b) Type <b>&lt;br/&gt;</b> to insert the line break</p> <p>(c) Save the file and switch to Internet Explorer</p> <p>(d) Click the <b>Refresh (F5)</b> button to display a line break</p> <p>(e) Notice that the disclaimer has come to the next line.</p>  <p>The screenshot shows a Windows Internet Explorer window titled 'Citizens Information Center'. The address bar shows 'C:\Documents and Settings\Randee\My Documents\Msfranke\index2-1.html'. The page content includes a paragraph about Chermont, a heading 'Youngster Excel at the Grasier County Fair', and a paragraph about the County Fair. A 'NEWS' graphic is visible. At the bottom, there is a disclaimer: 'Careers Trademark and Copyright Privacy Policy Terms and Conditions. This website represents a fictitious organization and is used for training purposes.'</p>
<p>2. Prevent a line break between headings</p>	<p>(a) Resize the <b>Browser window</b> so that the heading "Youngsters Excel at Graser County Fair" breaks into two lines.</p> <p>(b) Switch to <b>Notepad</b> window in the "Youngsters Excel at Graser County Fair" heading, click after the word "at"</p> <p>(c) Type <b>&amp;nbsp;</b> and press <b>Delete</b></p> <p>(d) Similarly, type <b>&amp;nbsp;</b> between each word in the heading. (It should look like <code>&lt;h3&gt;Youngster&amp;nbsp;Excel&amp;nbsp;at&amp;nbsp;the&amp;nbsp;Grasier&amp;nbsp;County&amp;nbsp;Fair&lt;/h3&gt;</code>)</p>



- (f) Save the file and switch to Internet Explorer
- (g) Click the **Refresh (F5)** button to display a line break



3. Insert a bullet entry to separate a word from the other in the navigation bar in the page footer section

- (a) Switch to **Notepad** window and click after *<p> Careers* and press the **Spacebar** once and then type **&#8226;** to insert bullet characters.
- (b) Similarly, insert bullet entries between *"Trademark and Copyright"* and *"Privacy Policy"* and *"Terms and Conditions"*
- (h) Save the file and switch to Internet Explorer
- (i) Click the **Refresh (F5)** button to display a line break

