

XHTML Chapter 5 Linking Pages

Lesson Objectives:

In this lesson, you will link web pages.

You will:

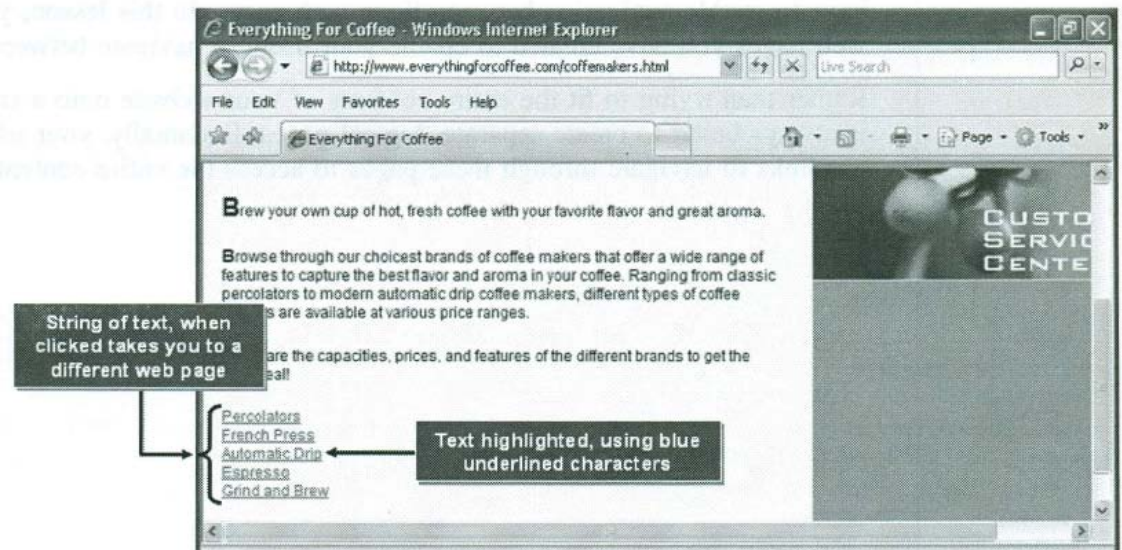
- Create hypertext links.
- Create image links.
- create an email link.
- Format links.

Hypertext Links

Definition:

A *hypertext link* is a kind of link that is represented by words or a string of text, which when clicked takes you to a different web page. By default, the text on a hyperlink is highlighted with blue, underlined characters and this is a cue to the user that the text is an available link.

A hypertext link can be used to link to another web page within a website or to an external website. The hypertext link is declared within an anchor tag with the *href attribute*, which specifies the destination of the link.

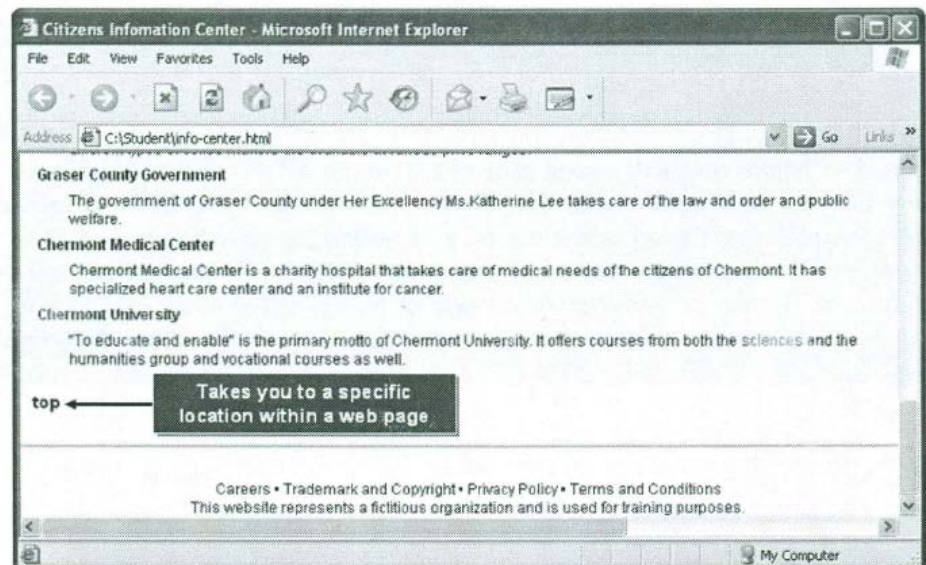


Bookmark Links

Definition:

A *bookmark link* is a type of link, which when clicked takes you to a specific location within the same web page. A bookmark link is otherwise known as an on-page link or a named anchor. A bookmark link is declared using a pair of tags specifying the location to which the link is targeted and defining the target with the id attribute.

Example:



How to Create Hypertext Links

Procedure Reference: Create Hypertext Links

To create hypertext links:

1. Determine the text you would use as a link.
2. Place the cursor before the desired text.

Type

`<p>text</p>` to navigate from the current web page to a page in your site.

or

`<p>text</p>` to navigate from the current page to a site on the web.

3. Save the file and test it in your browser.
4. Click on the links to view the destination page.

TRY THIS

Create a link to your frequently asked questions page (faq.html) by clicking on FAQ's in the sentence below.

`<p> For help, visit our FAQ's page</p>`

Procedure Reference: Create Bookmark Links

To create bookmark links:

1. Type `<p>Target text</ a></p>` to create a bookmark link.
2. Navigate to the destination and type `Destination Text`.
3. Save the file and test it in your browser.
4. Click on the bookmark link to navigate to the desired section.

TRY THIS

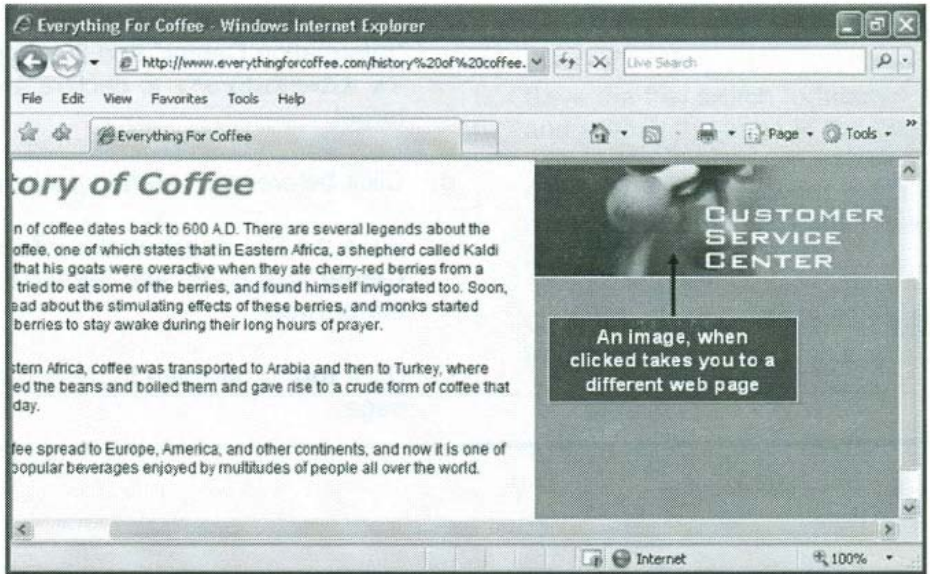
Create a bookmark from the word *top* at the bottom of your page and link it to the sentence shown below.

`<p>Welcome to my Page</p>`

Image Links

Definition:

An *image link* is a type of link representing an image, which when clicked takes the user to a different web page. By default, the image link is displayed with a border to indicate that it is a link. Graphic images can be converted into links by enclosing an `` tag inside the anchor tag.



How to Create Image Links

Procedure Reference: Create Image Links

To create an image link:

1. Determine the image you would use as a link.
2. In the text editor, type

```
<p><a href="website address"></a></p>
```

to insert an image link.

3. Save the file and test it in the browser.

TRY THIS

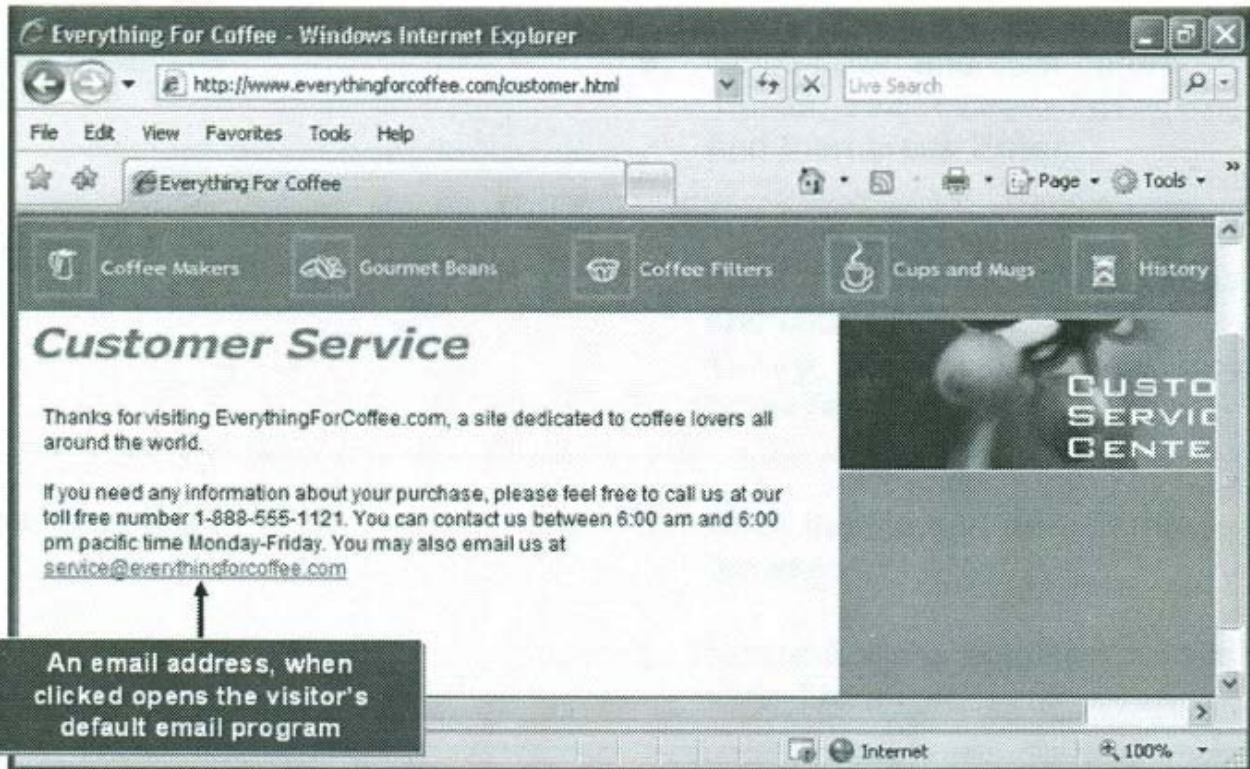
Link the news.jpg image shown below to your newsroom5.html page.

```
<p></p>
```

Email Links

Definition:

An *email link* is a kind of link, represented by an email address, which when clicked opens the visitor's default email program such as Outlook Express. This helps the visitors to correspond Email Links with you through email. You can create an email link using the mailto attribute, followed by your email address.



How to Create Email Links

Procedure Reference: Create an Email Link

To create an email link:

1. Type `<p>Linking Text</p>`.
2. Save the file and switch to the browser.
3. Click the email address to open the default email program **in** the browser.

TRY THIS

Create an email link from the text below to info@felshs.com.

`<p> For more information </p>`

Format Links

You have created different kinds of links. You would now like to differentiate between a link that has been visited and an unvisited link. In this topic, you would format links to indicate the state of each link.

Often, visitors would visit a few of your links on the web page. When they revisit your web page, it would be helpful to the users to differentiate an unvisited link from an already visited one.

Link Styles

The state of a link can be defined by styling the link.

Link Style Description

a:link	This property defines the style for a normal unvisited link.
a:visited	This property defines the style for a link that has been visited already.
a:hover	This property defines the style for a hovered link or when a mouse is rolled over a link.
a:active	This property defines the style for an active link or when a link is clicked.

Procedure Reference: Format Links

To format links:

1. Click in the style sheet part of your document.
2. Specify the link styles for each state of a link:
 - Type `a:link {font-color: color; text-decoration: none;}` to format the appearance of an unvisited link.
 - Type `a:visited {font-color: color; text-decoration: none;}` to format the appearance of a visited link.
 - Type `a: hover {font-color: color; text-decoration: none;}` to format the appearance of a link when the mouse rolls over it.
 - Type `a : active {font-color: color; text-decoration: none;}` to format the appearance of an active link.
3. Save the file and test it in the browser.

For example, to change visited links to green you would type

```
a:visited {  
  color: #00FF00;  
  text-decoration: none;  
}
```

TRY THIS

Create style rules to make the link color 000066 with no underline, the visited link color 555555 with no underline and the active link color 000066 with no underline.