

COMSC-031

**Web Site Development-
Part 2**



Part-Time Instructor: Joenil Mistal

Topic 10



10

Using Templates

You can save time by storing frequently used Web page elements and layouts as library items, and saving complete page designs as templates. This chapter shows you how to use these features to quickly create consistent page designs and make global updates.

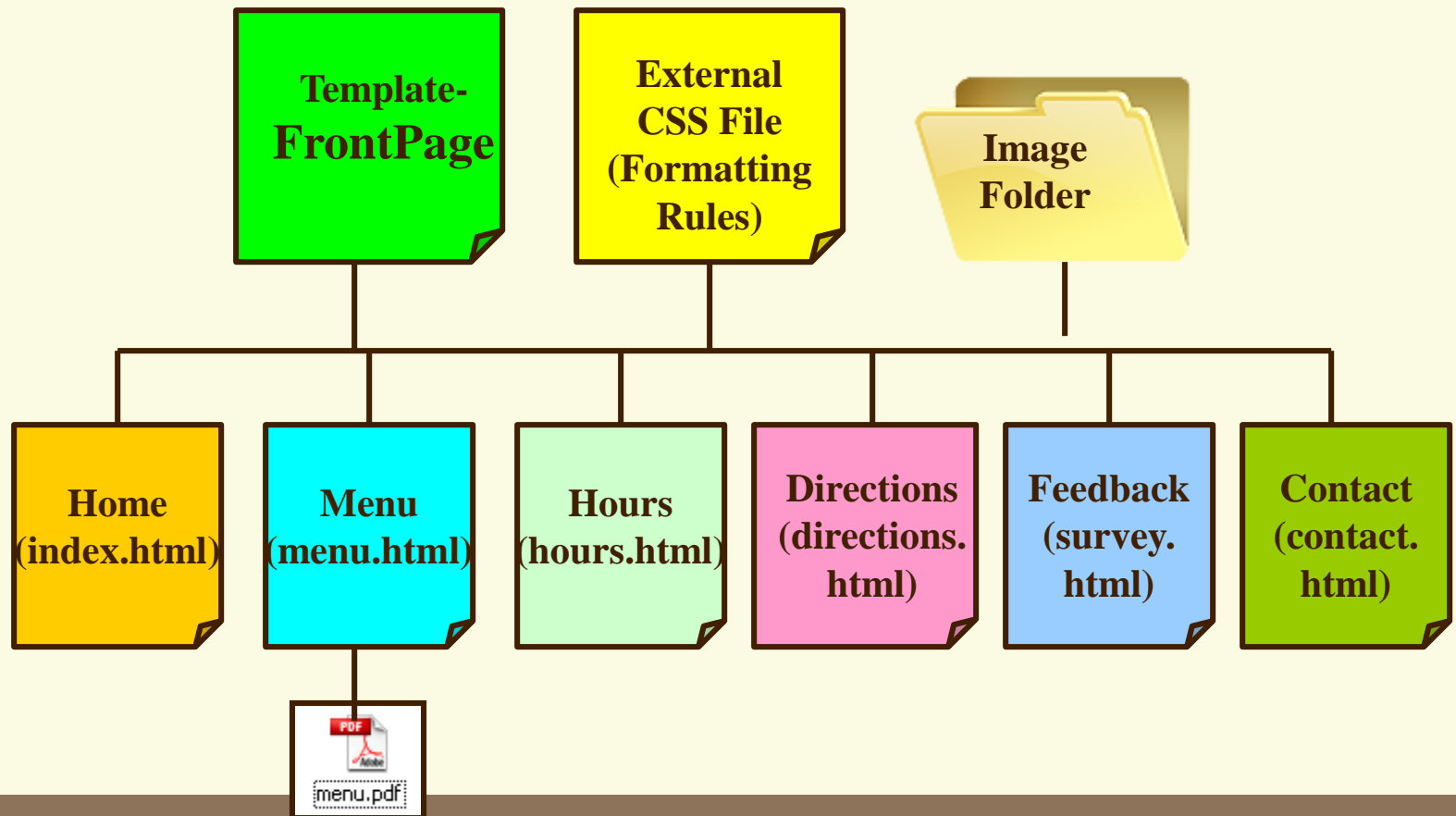
Topics: Templates

- Create a Template
- Set an Editable Region in a Template
- Create a Page from a Template
- Edit and Template and Update your Web Site



Plan Your Web Site

Hierarchy File Structure



Introduction to Templates

- With templates, you can **avoid repetitive** work by storing copies of page elements and layouts that you frequently use.
- You can access the templates that you create through the **Assest panel**.

Introduction to Templates

Templates

- You can define entire Web pages as templates to save you time as you build new pages.
- Templates can also help you maintain a **consistent page** design throughout a Web site.

Introduction to Library Items and Templates

Templates

- After you make changes to a template, Dreamweaver **automatically** updates all of the pages in your Web site that were created from that template.
- When you use templates, you customize only the areas of the page that you want to change.
- The ability to make global updates to common areas of a template such as navigation bar, makes it faster to make changes to a site.

View Templates

- You can access the templates of a Web site by using commands in the **Window** menu.
- You can also access them through the **Assets panel**.

View Templates



View the Templates

1. Click the **Window**
2. Click **Assets**
3. Click the **Templates icon** to view the library items

View Templates



View the Templates

The screenshot shows the Microsoft FrontPage 2003 interface. The 'View' menu is open, and the path to view templates is highlighted with red arrows and numbers:

- 1**: Points to the 'View' menu.
- 2**: Points to the 'Assets' option in the 'View' menu.
- 3**: Points to the 'Templates' button in the 'Assets' pane on the right.

The main workspace displays a web page for 'LMC Brentwood' (Los Medanos College Brentwood Center, 101A) with a yellow background and red text. Navigation buttons for 'Home' and 'Menu' are visible. The 'Assets' pane on the right shows a list of templates, with 'frontpage' selected.

Create a Template

- **Templates** are one of the most powerful and timesaving features in Dreamweaver because they enable you to create page designs and **reused over** and over again.
- Templates can also help you create more **consistent designs** for your pages.
- To create templates for your Web pages, you must already have defined a local Web site.

Create a Template



Create a template

1. Open the **page** that servers as the templates and then add/edit the elements.
2. Follow steps 2a to 2c to edit the the template
3. Click **File**
4. Click **Save** as Template.
5. Click here and select your **site name**.
6. Type a **name** for the template.
7. Click **Save**

Create a Template

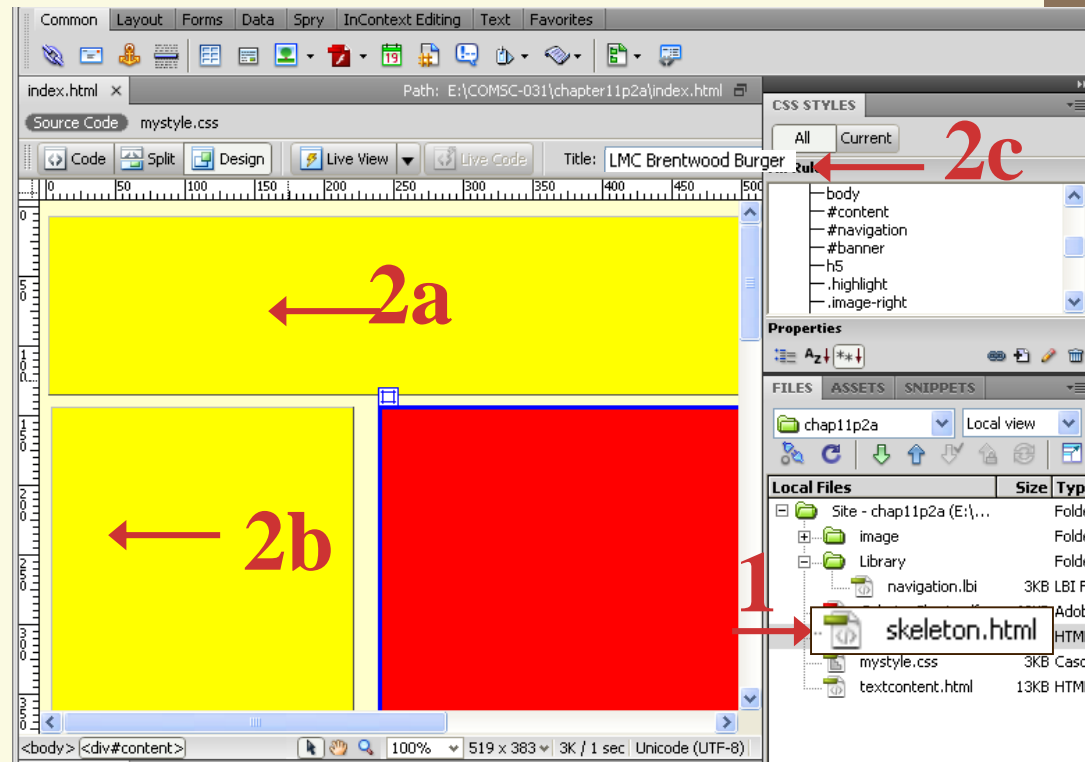


Create a template

2a. Add the company logo image to the banner AP Div container

2b. Insert the navigation menu library item in navigation AP Div container.

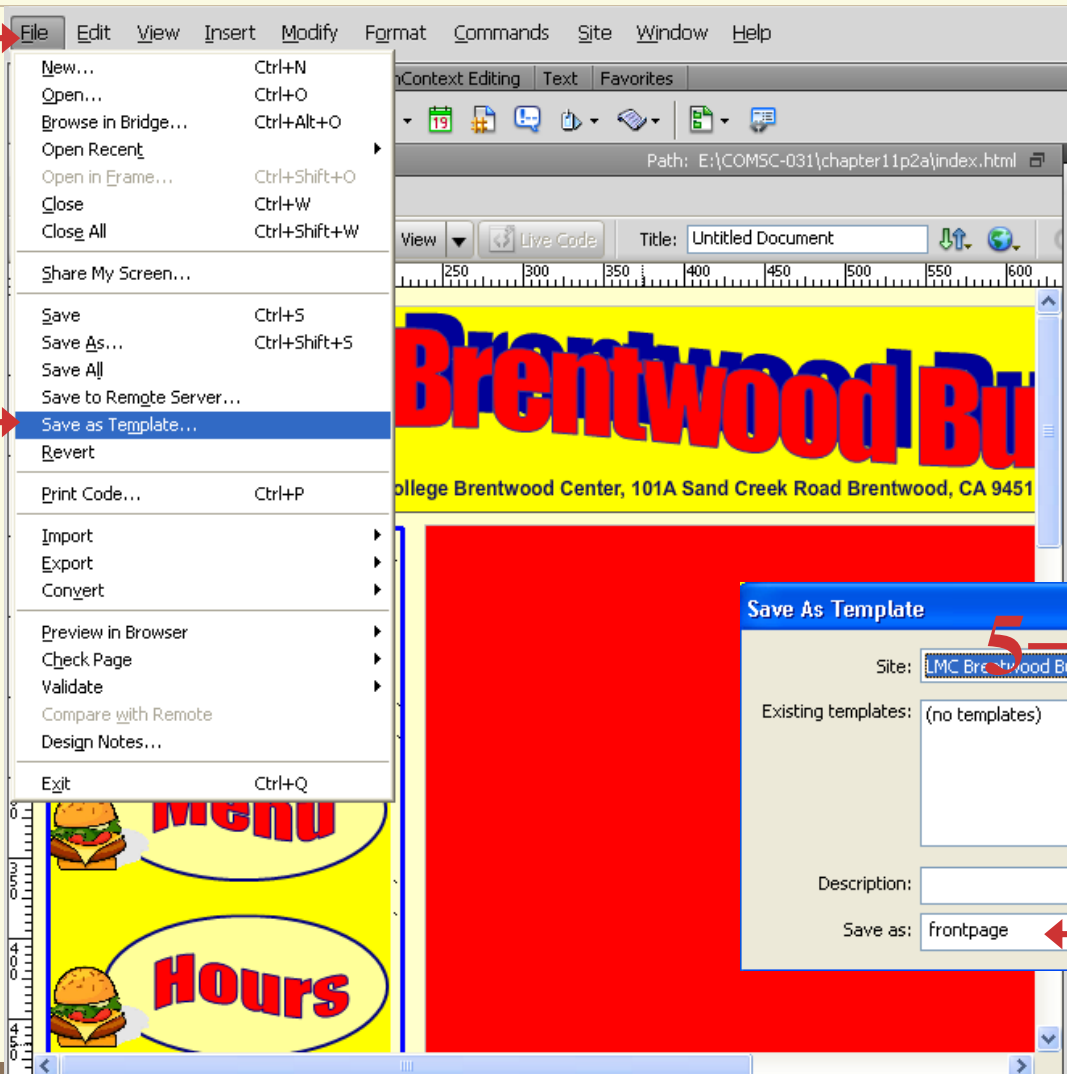
2c. Add the title for the page



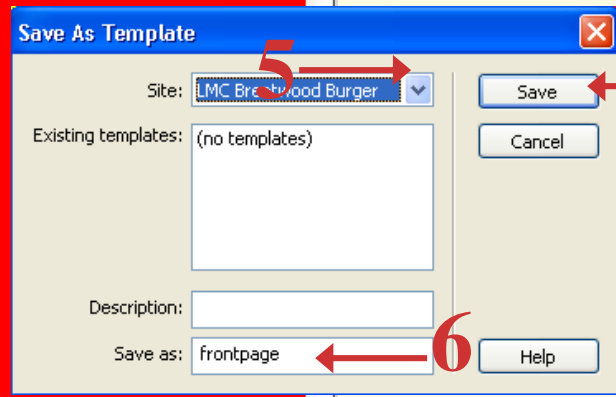
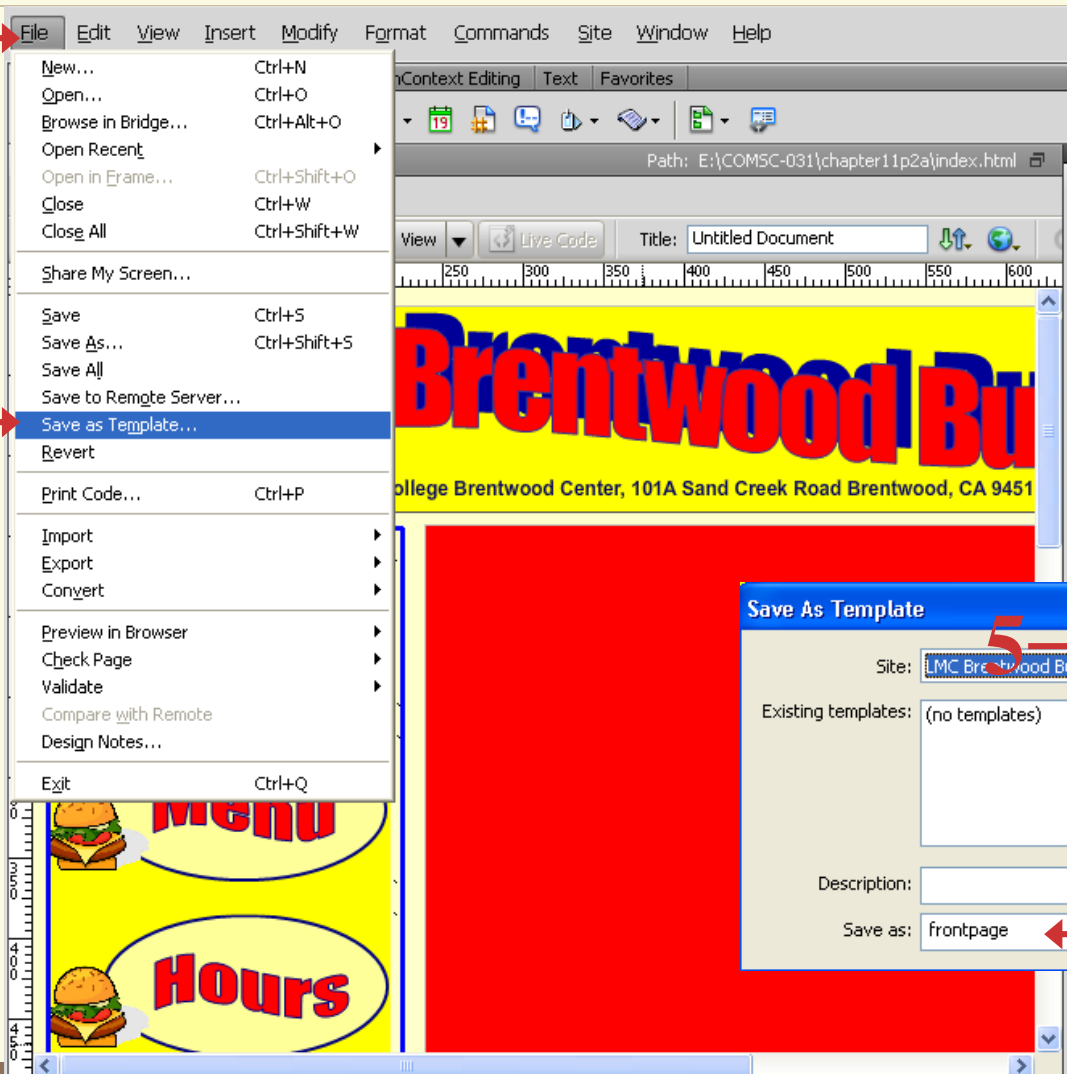


Create a Template

3



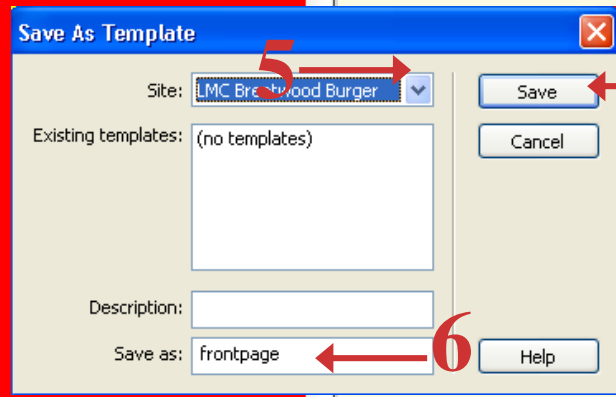
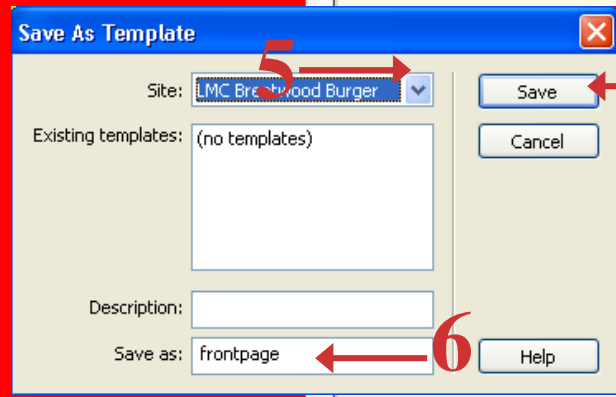
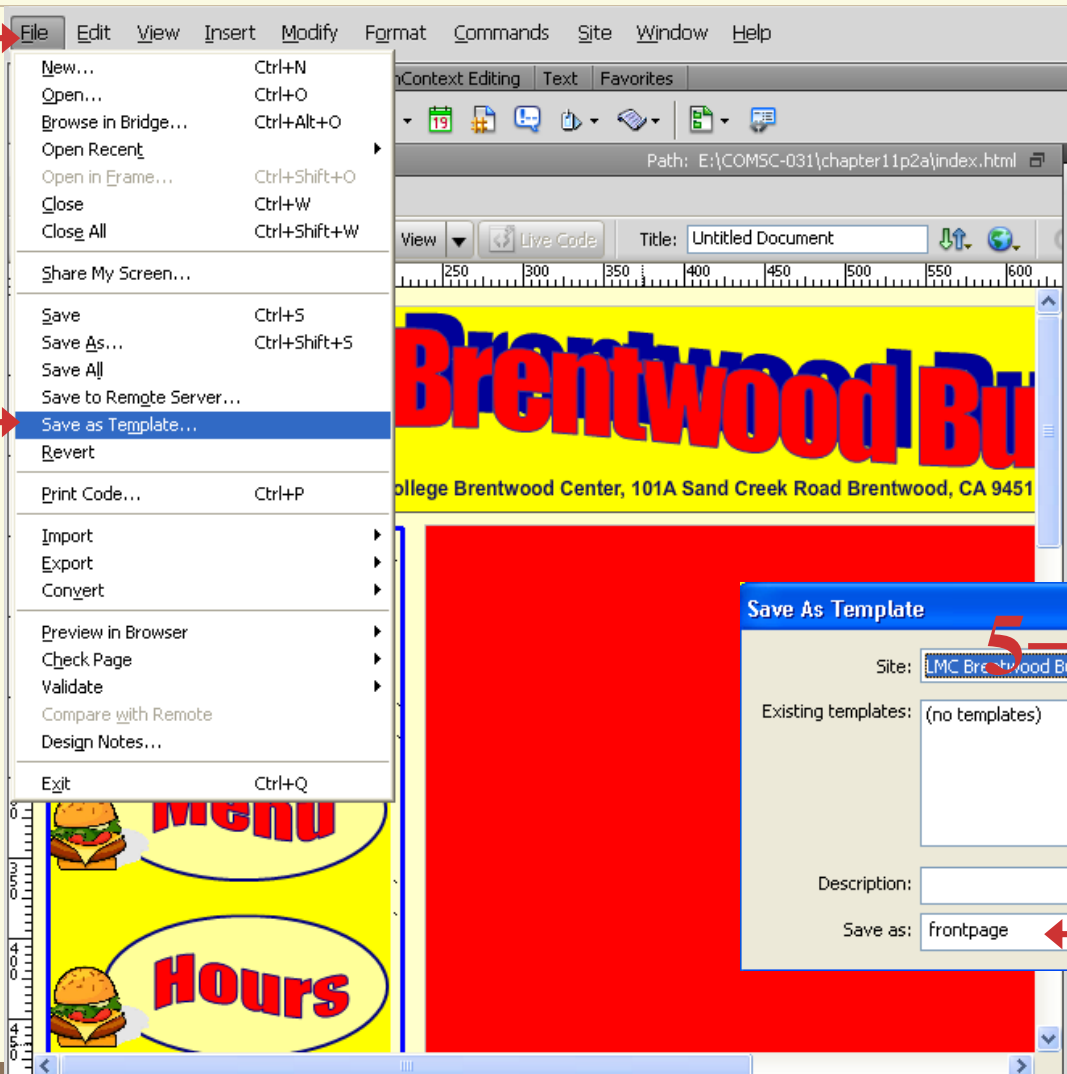
4



5

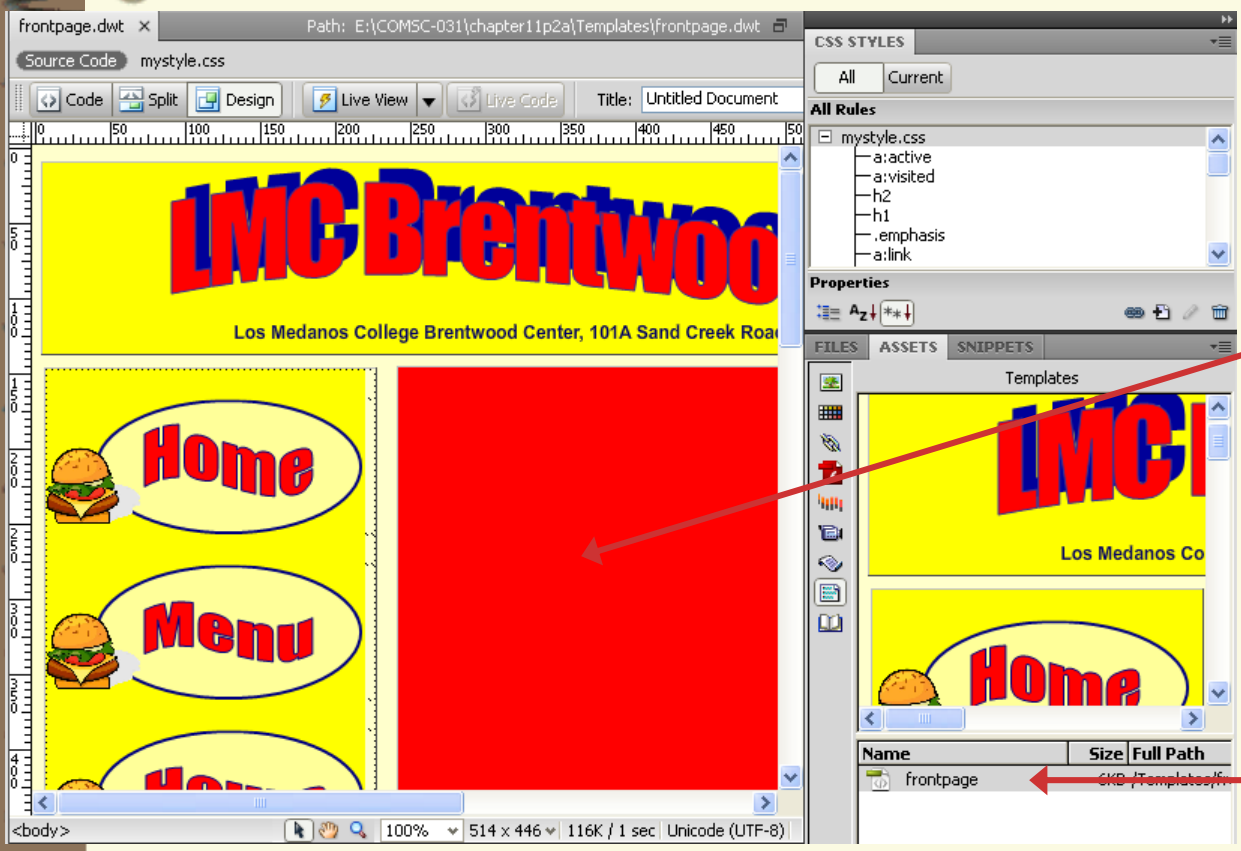
7

6





Create a Template



To make the template functional, you must define the editable regions where you want to modify content.

The new template appears in the Templates window of the Asset panel



Create a Template

Can I create as many pages as I want from a template?

- Yes. There is **no limit** to the number of pages that you can create from one template.
- In fact, the more pages that you plan to create using the same design, the more reason you have to save that design as a template, so that it does not have to be re-created each time.



Create a Template

How do you edit a page that is created with a template?

- After you create a new Web page based on a template, you can only change the parts of the new page that are **defined as editable**.
- To change locked content, you must edit the original template.
- For more information about creating editable regions in a template, see the task, “Set an Editable Region in a Template”.


Set an Editable Region in a Template

- After you create a Web page template, you must define which regions of the template are **editable**.
- When you create a page from the template, you can then **edit these regions**.
- Any areas of the template that are not set as editable cannot be changed in any pages that you create from the template.

Set an Editable Region in a Template



Set an editable region in a template

1. Click **Window**
2. Click **Assets**
3. Click **Templates icon** 
4. Double click a **template name** to open it.

Set an Editable Region in a Template



Set an editable region in a template

The screenshot shows the Dreamweaver interface with the 'Window' menu open. A red arrow labeled '1' points to the 'Window' menu. A red arrow labeled '2' points to the 'Assets' option in the menu. A red arrow labeled '3' points to the 'Assets' panel on the right. A red arrow labeled '4' points to the 'frontpage' entry in the 'FILES' panel.

1 → Window

- ✓ Insert Ctrl+F2
- ✓ Properties Ctrl+F3
- ✓ CSS Styles Shift+F11
 - AP Elements F2
- Databases Ctrl+Shift+F10
- Bindings Ctrl+F10
- Server Behaviors Ctrl+F9
- Components Ctrl+F7
- Files F8
- ✓ Assets Shift+F9
- Snippets
- Tag Inspector F9
- Behaviors Shift+F4
- History Shift+F10
- Frames Shift+F2
- Code Inspector F10
- Results
- Extensions
- Workspace Layout
 - Hide Panels F4
- Cascade
 - Tile Horizontally
 - Tile Vertically
- (No Open Documents)

2 → Assets

3 → Assets Panel

4 → frontpage

Name	Size	Full Path
frontpage		8KB / Templates/fr

Set an Editable Region in a Template



Set an editable region in a template

5. Click and drag to select the **element** that you want to define as editable.
6. Click **Insert**.
7. Click **Template Objects**
8. Click **Editable Region**

Set an Editable Region in a Template



Set an editable region in a template

The screenshot shows the Microsoft FrontPage 2003 interface. The main window displays a web page template for a restaurant named "Brentwood Bull". The page has a yellow background with a red and blue logo. A red vertical bar is visible on the right side of the page, indicating a region that has been set as editable. The "Insert" menu is open, and the "Editable Region" option is selected. A red arrow labeled "8" points to this option. Another red arrow labeled "5" points to the red vertical bar on the page. A third red arrow labeled "7" points to the "Template Objects" option in the "HTML" submenu. A fourth red arrow labeled "6" points to the "Insert" menu. The "Properties" pane on the right shows the "CSS STYLES" and "FILES" panes. The "FILES" pane shows the "frontpage" template file.

6 → Insert → HTML → Template Objects

7 → Template Objects

8 → Editable Region (Ctrl+Alt+V)

5 → [Red Vertical Bar]

FILES ASSETS SNIPPETS

Templates

Name	Size	Full Path
frontpage	6KB	/Templates/fr

Set an Editable Region in a Template



Set an editable region in a template

9. Type a **name** for the editable region that distinguishes it from other editable regions on the page

Note: You cannot use characters &, “, ‘, <, or > in the name

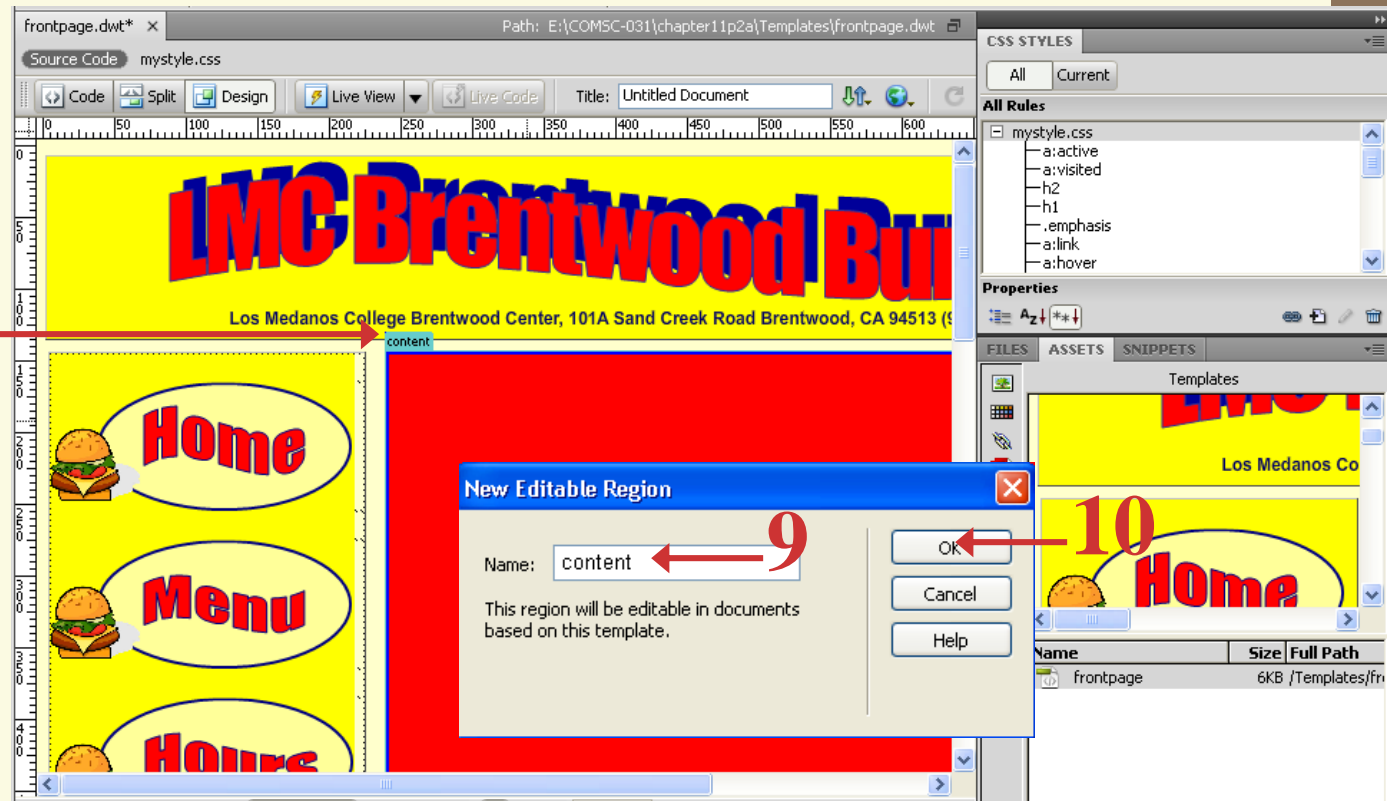
10. Click **OK**

11. Click **File** and then **Save**

Set an Editable Region in a Template (pg 191)



Set an editable region in a template



A light-blue box indicates the editable region, and a tab shows the region name.

Set an Editable Region in a Template



What parts of a template should be defined as editable?

- You should define as editable any part of your template that you want to **change from page to page**.
- This can include headlines, stories, images, and captions.
- In contrast, you should **lock** site navigation, disclaimers, and copyright information that should be on the same on all pages.

Set an Editable Region in a Template



Can I use library items in my template pages?

- Yes, you can use **library items** in templates.
- This is useful when you want to insert an item on pages that are made from the template.
- When you edit them, the library items update in the actual templates, and then in all of the pages that are created from those templates.

Create a Page from a Template

- You can create a new Web page based on a **template** that you have already defined.
- This step saves you from having to rebuild all of the generic elements that appear on many of your pages.

Create a Page from a Template



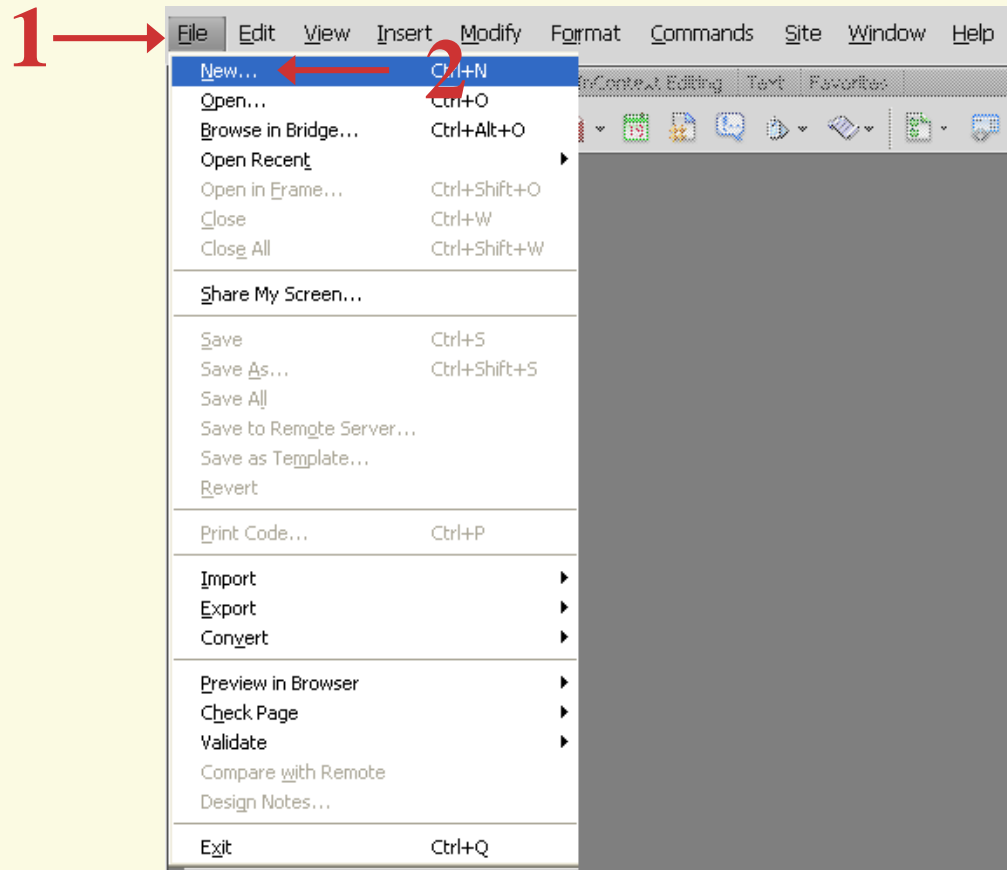
Create a page from a template

1. Click **File**
2. Click **New**
3. Click the **Site Templates** tab
4. Click the **name** of the Web site
5. Click a **template**
6. Click **Create**

Create a Page from a Template



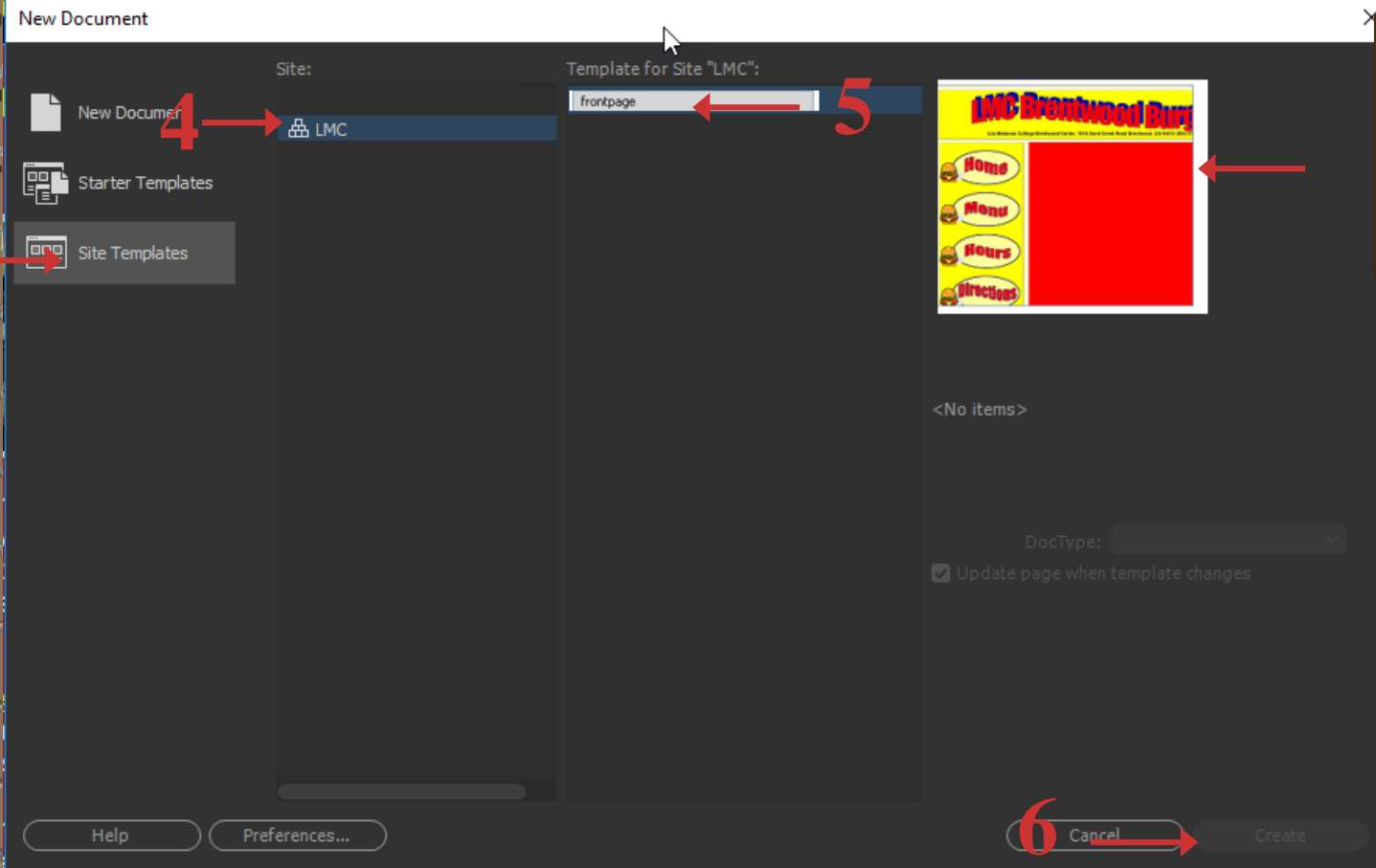
Create a page from a template



Create a Page from a Template



Create a page from a template



A preview of the template appears in the dialog box

Create a Page from a Template



Create a page from a template

7. Type the content and add the image into the editable regions
8. Click **File**
9. Click **Save** to save the template.
10. Repeat steps 1-9 for the other Web pages that will use the template.

demo

Create a page from a template for the **index.html**

- Follow steps 1-10 to create the index page from the template.
- Open the `textcontent.html` and select and copy the content
- In the `index.html`. Place cursor in editable region.
- Click on Edit and then Paste Special.
- The content should now show in the editable region

b

c

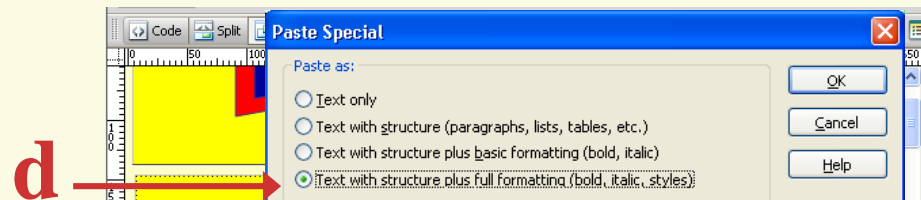
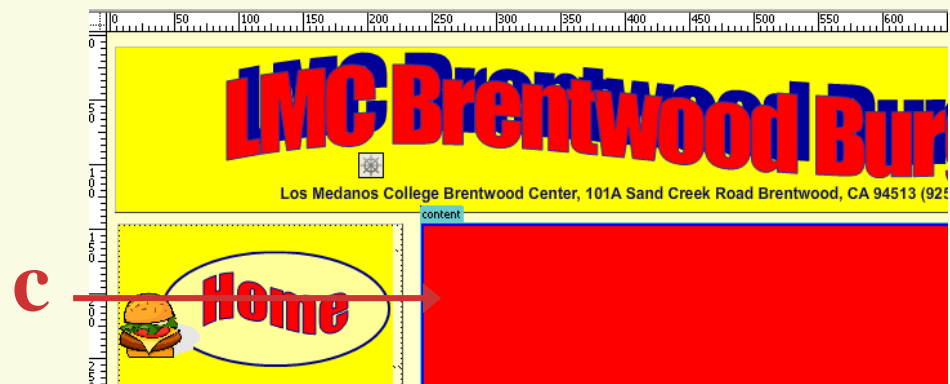
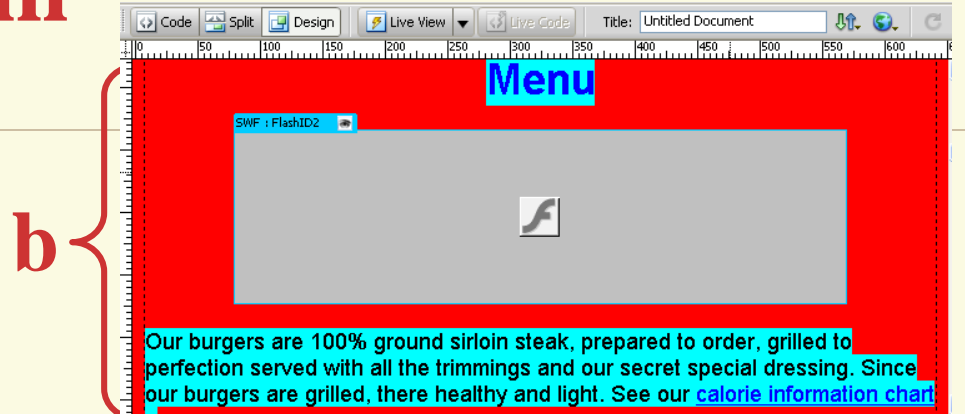
d

e

demo

Create a page from a template for the **menu.html**

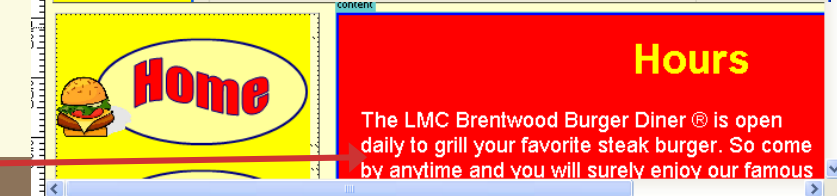
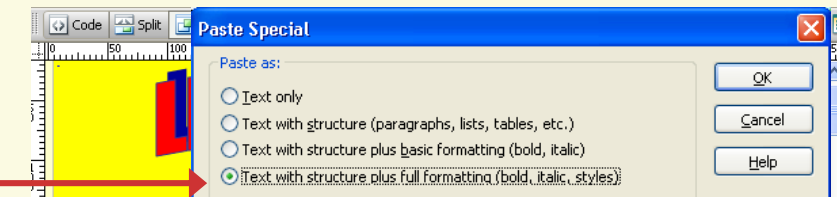
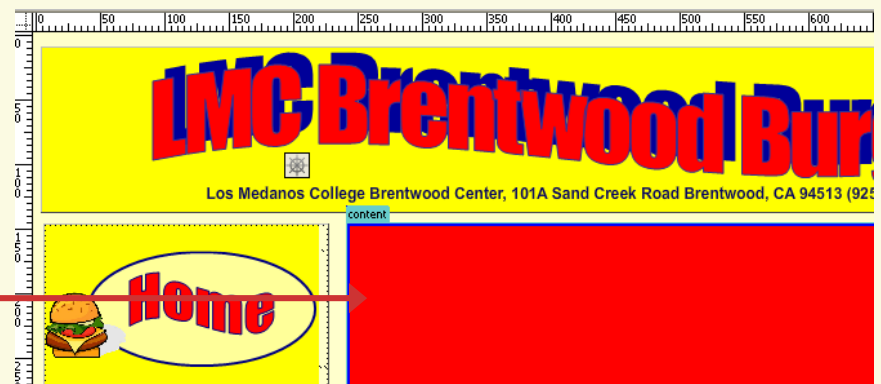
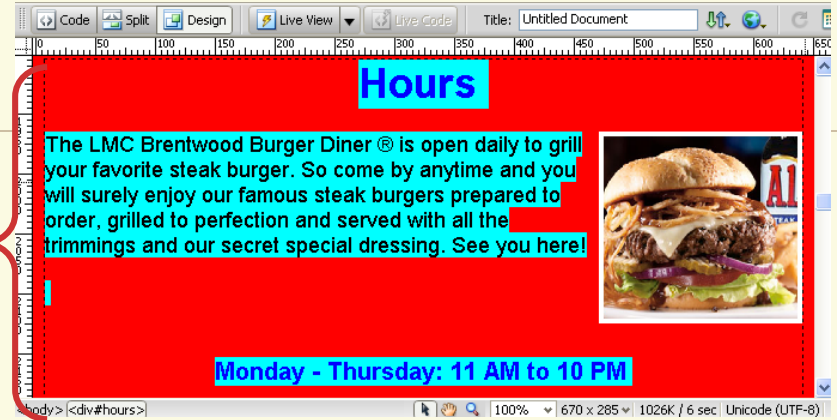
- Follow steps 1-10 to create the menu page from the template
- Open the `textcontent.html` and select and copy the content
- In the `menu.html`. Place cursor in editable region.
- Click on Edit and then Paste Special.
- The content should now show in the editable region



demo

Create a page from a template for the **hours.html**

- Follow steps 1-10 to create the hours page from the template.
- Open the `textcontent.html` and select and copy the content
- In the `hours.html`. Place cursor in editable region.
- Click on Edit and then Paste Special.
- The content should now show in the editable region





Create a page from a template for the **directions.html**

- Follow steps 1-10 to create the directions page from the template.
- Open the textcontent.html and select and copy the content
- In the directions.html. Place cursor in editable region.
- Click on Edit and then Paste Special.
- The content should now show in the editable region

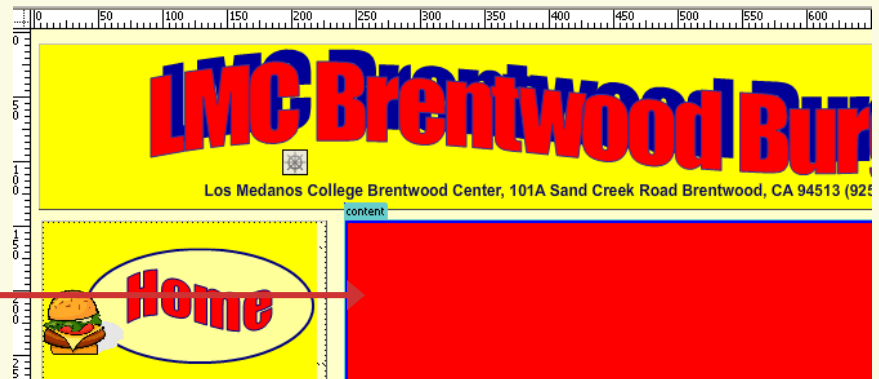
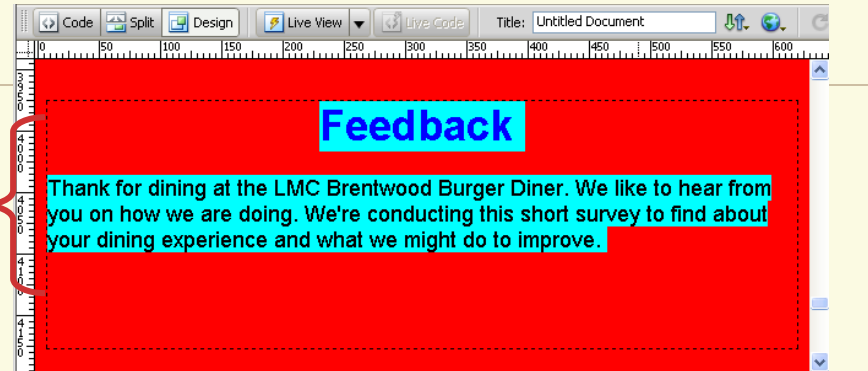
The image shows a sequence of three screenshots from a web editor, illustrating the steps to create a page from a template:

- Top Screenshot:** A red-bordered template area titled "Directions" is shown. The text "We're conveniently located just right beside the Los Medanos College Brentwood Center. We offer both indoor seating and outdoor seating at one of our many sidewalk tables. So the next time you want to grab a tasty steak burger with your friends, neighbours or classmates, all the while relaxing and enjoying the balmy Delta breezes, come check us out." is highlighted in blue. A red bracket labeled 'b' indicates the selection of this content.
- Middle Screenshot:** The same template is shown, but the content area is empty. A red arrow labeled 'c' points to the empty region, indicating where the content will be pasted.
- Bottom Screenshot:** A "Paste Special" dialog box is open over the template. The "Text with structure plus full formatting (bold, italic, styles)" option is selected. A red arrow labeled 'd' points to the dialog box, and another red arrow labeled 'e' points to the content area where the pasted text is now visible.

demo

Create a page from a template for the **feedback.html**

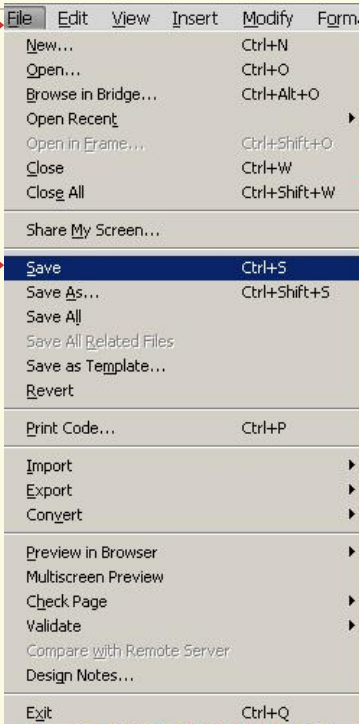
- Follow steps 1-10 to create the feedback page from the template.
- Open the `textcontent.html` and select and copy the content
- In the `feedback.html`. Place cursor in editable region.
- Click on Edit and then Paste Special.
- The content should now show in the editable region



demo

Create a Page from a Template contact.html

8

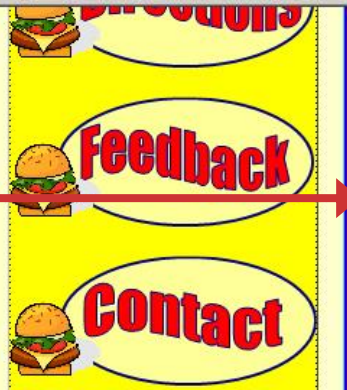


9



Dreamweaver saves the new page, based on the template

Only editable areas can be altered in a page created from a template



Contact

Feel free to contact us by stopping by, sending us an email, giving us a call or dropping by to taste our delicious grilled steak burger.

101 A Sand Creek Rd, Brentwood, CA 94513

Restaurant: (925) 513-1625

Fax: (925) 513-1624

Email: jmistal@losmedanos.edu



7



Create a Page from a Template

contact.html



7

Added
contact.jpg in a
Div Tag
container

Create a Page from a Template



How do I detach a page from a template?

1. Click **Tools**.
2. Click **Templates**
3. Click **Detach from Template**.


Edit a Template and Update Your Web Site

- When you make updates to a template file, Dreamweaver allows you the option to **automatically update** all of the pages that are created by the template.
- This enables you to make global changes to your Web site design in seconds.

Edit a Template and Update Your Web Site



Edit a template and update your web site

1. Click **Window**
2. Click **Assets**
3. Click the **template icon** 
4. Double click a **template** to open it
5. Click in an **area** of the template that is not an editable region.

Edit a Template and Update Your Web Site

demo

Edit a template and update your web site

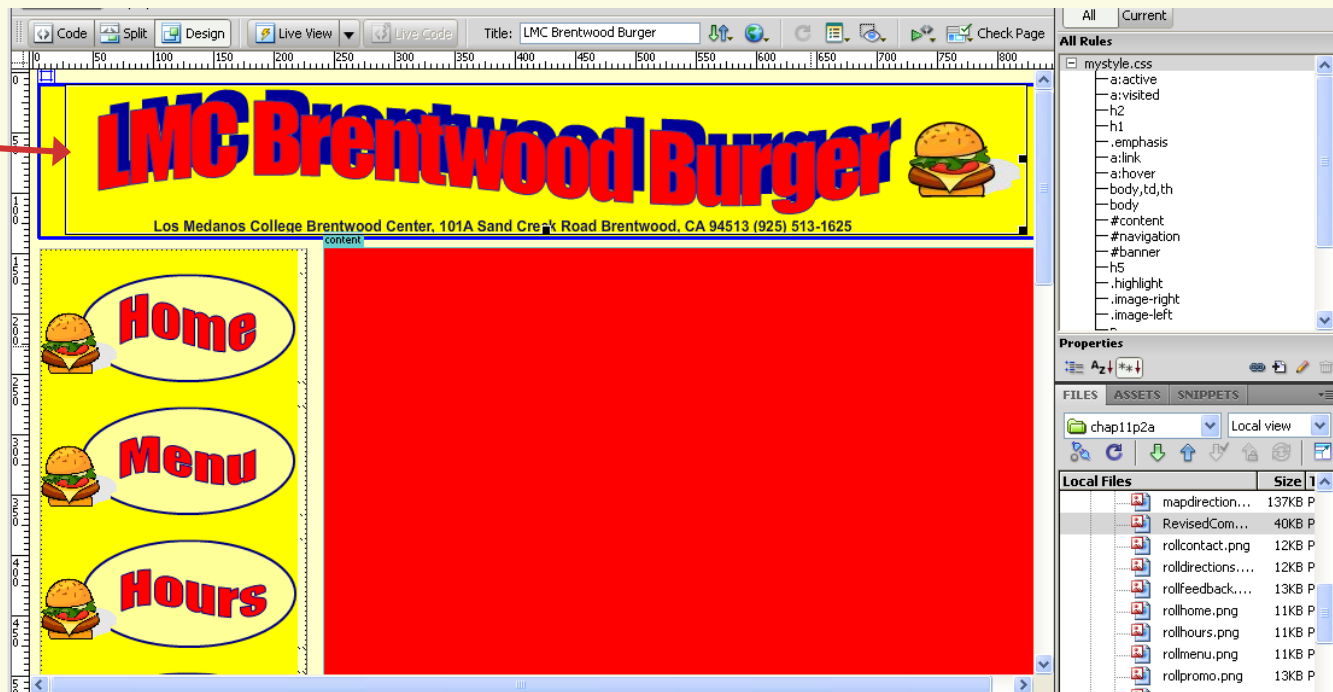
The screenshot displays the Microsoft FrontPage 2003 interface. The 'Assets' menu is open, showing options like Insert, Properties, CSS Styles, AP Elements, Databases, Bindings, Server Behaviors, Components, Files, Assets (highlighted), Snippets, Tag Inspector, Behaviors, History, Frames, Code Inspector, Results, Extensions, Workspace Layout, Hide Panels, Cascade, Tile Horizontally, and Tile Vertically. The main workspace shows a web page for 'LMC Brentwood' with navigation buttons for 'Home', 'Menu', and 'Hours'. The 'CSS STYLES' pane on the right shows a list of rules for 'mystyle.css'. The 'Properties' pane at the bottom right shows the 'frontpage' template selected. Red arrows and numbers 1 through 5 indicate key steps in the process: 1 points to the 'Window' menu, 2 points to the 'Assets' menu item, 3 points to the 'Assets' pane, 4 points to the 'frontpage' template in the Properties pane, and 5 points to the main workspace.

Edit a Template and Update Your Web Site



Edit a template and update your web site

- Delete the old company logo.
- Replace logo image with the RevisedCompanyLogo.png.



Edit a Template and Update Your Web Site



Edit a template and update your web site

5. Press **<Ctrl><S>** to save the page.
6. Click **Update**.
7. Click the **Show log** check box
8. After Dreamweaver updates the Web site, click **Close**.

Edit a Template and Update Your Web Site

demo

The Update Template Files dialog box appears, listing all files based on the selected templates that will be updated.

The results of the update process appears in the Status pane.

All of the pages that use the template are updated to reflect the changes..

content

LMC Brentwood Burger

Los Medanos College Brentwood Center, 101A Sand Creek Road Brentwood, CA 94513 (925) 513-1625

Home

Menu

Hours

Update Template Files

Update all files based on this template?

feedback.html
contact.html
directions.html
hours.html
index.html
menu.html

Update
Don't Update

DW Update Pages

Look in: Files That Use... frontpage, feedback, Done

Update: Library items Templates Close Help

Show log Done

Status:

Updating E:\COMSC-031\chapter11p2a\
updated index.html
updated feedback.html
updated contact.html
updated directions.html
updated hours.html
updated menu.html
Done.
files examined: 6
files updated: 6
files which could not be updated: 0
total time: (0:00:08)

Edit a Template and Update Your Web Site



How does Dreamweaver store page templates?

- Dreamweaver stores page templates in a folder called **Templates** inside the local site folder.
- You can open templates by click File and then clicking Open. In the Open dialog box, click the arrow. And click **Template folder**.
- You can click a template file to select it.
- You can also open templates from inside the **Asset panel**.

Edit a Template and Update Your Web Site



What are editable attributes?

- Editable attributes enable you to change the attributes of an element in the Property inspector.
- For example, you can change image attributes, such as Alternative text, align, or size.
- To use this feature, select an element, such as an image, click Modify, then click Templates and then click Make Attribute Editable