Web Design Using Dreamweaver

ftp_tt

ftp_tt_a

Web Design Using Dreamweaver

2nd Edition

ftp_nm

ftp_au **John Miller**

ftp_af Author Affilication

John Padget

Author Affilication

Information Technology at McGraw-Hill/Irwin

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We realize that technologywe publish instructional materials for the higher education market. In order to expand the tools of higher learning, we publish everything that you may need: texts, lab manuals, study guides, testing materials, software, and multimedia products - the Total solution

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fdd_tx

Some years in all of our linves are more challenign than others. This past year has been on e to those for us. We woulkd like to dedicate this tesxt to all thoste who helped and wewre with us this past year.

Espeically we would like to recongize Dan, Iren, tguffy, Gail, Cora ,Anita , Barabra, Carol and Steve, Thanks . . . this one is for you.

Miller/Padget

About the Authors

From the start (version 1.0) Dreamweavers' major feature as the use of roundtrip HTML editing, which lets you create Web page using either visual HTML editing tools or through straight text files without criteria a difference in the resulting output. Dreamweaver is one of the view vista editors whose graphical tools don't produce proprietary HTML code, hence editing the HTML source is much easier. Dreamweaver will update automatically when you switch back and for the between different types of editors (including raw text editors).
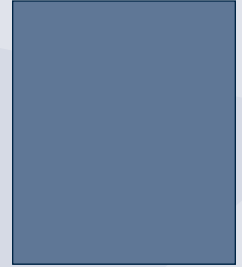
Because of this, Dreamweaver is one of the more popular editors for the web page design professional. The difference between other popular HTML editors and Dreamweaver is the emphasis on professional. Professional coders enjoy being able to write their own code. Many HTML editors allow the designer to write their own code, but add a tremendous amount of "overhead code".

The roundtrip HTML editing technology in Dreamweaver also cleans up and reformats HTML when you want it to. This contrast to other visual editing tools such aswhich generated inefficient HTML code, uses more storage space, and slows download times.
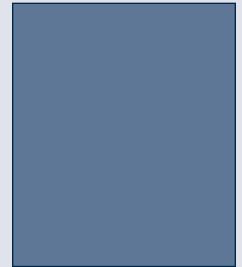
Dreamweaver has two different product versions available. Dreamweaver 4.0 is simply the base version of the HTML visual editois a combination of Dreamweaver 4.0 and a suite of tools that makes managing and developing ASP, JSP, or ColdFusion applications easier within the Dreamweaver environment. This gives the website development team and integrated approach to corporate customers to research, current inventories and internal databases. Again, the processional nature of the tool makes Dreamweaver the ideal development and management platform of a wide variety of web publishing applications.

John Miller

John Padget

Preface

Professional web development is much mor than simply designing and creating Professional web development is much mor than simply designing and creating WebPageWebPages that have a lot interesting graphic and animated icons. To be sure these are sometimes important, but professional web.

A web page that is hard to follow and navigate simply won't be used. Therefore, usability and web interface design will be a paramount themes in this text.

Finally the web is an interactive medium, placing flat text file son the web does not exploit its full power. Therefore, we will also emphasize the tools and techniques that bring wen pages alive and can be personalized for the end-user.

Introduction to the Our Text

Overview of the Text

When Dreamweaver is first opened you will get a blank screen as shown in Figure 1.1. This is the basic Dreamweaver work area. This work area works very similar to a word processor and allow you to add text graphics in the environments.

Dreamweaver off to large organizations, the website is a combination of HTML code and sophisticated baked bode such as Java. JavaScript and other database languages such as Cold-Fusion.

- Brief Lab Manual.
- Interactive Computing Series
- OnLine Exercise

Professional web development is much mor than simply designing and creating Professional web development is much mor than simply designing and creating WebPageWebPages that have a lot interesting graphic and animated icons. To be sure these are sometimes important, but professional web page development an management is much more. It includes sit deign and navigation, layout, audience analysis, user interface design, and technical coding. Professional web development start with a pan. This plan should come form a detail analysis of the objective of the site and what the desired outcome are There

Professional web development is much mor than simply designing and creating Professional web development is much mor than simply designing and creating WebPageWebPages that have a lot interesting graphic and animated icons. To be sure these are sometimes important, but professional web.

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(fprak_ha)

Acknowledgements

(fprak_hb)

A Special Thanks to . . .

(fprak_tx)

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Dreamweaver offedeveloped and managed in the professional environment. In most medium to ld bode such as Java. JavaScript and other arge organizations, the website is a combination of d bode such as Java. JavaScript and other HTML code and sophisticated baked bode such as Java. JavaScript and other database languages such as Cold-Fusion.

(fprak_lu)

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Brief Contents

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To the Student

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An Introduction to Dreamweaver

bchob–ha

LEARNING OBJECTIVE

bchob–ln

1. To understand the history and uses of Dreamweaver.

2. To delineate between a professional web page development took and a visual HTML editor.

3. To understand the basic interfaces of Dreamweaver.

4. To understand the basics of site management and creation.

5. To be able to set up and manage a Dreamweaver Site.

6. To be able to create a rudimentary web page and publish it to the web.

bchop–ha

INTRODUCTION

bchop–qu

"**Web publishing is no more about HTML than book publishing is about type fonts.**"

—**Art and the Zen of Web Sites** (http://www.c-systems.com/ webtips.shtml)

bchop–tx

Macromedia's Dreamweaver 4.0 is a professional **hypertext markup language (HTML)** editor for visually designing and managing Web sites and pages. **A visual web editor** is simply a tool that enables the designer to create and editor wen pages while being able to see what they will look like as they are created. Dreamweaver is a product of Macromedia.

bch_tx

Dreamweaver was introduced in 1997 and is currently on version 4.0. Dreamweaver 4 was created to meet the needs of a variety of types of user, including the professional However the software is easy enough to be used by the novice Webpage designer as well. It includes features such as:

bch_lb

- Support for **cascading style sheets (CSS).**
- Support for **JavaScript** Debugger.
- Support for XML and other advanced HTML tools.

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IMPORTANT

When a line of text is preceded by an apostrophe, the text is a comment that explains the purpose of the next line of code. In the VBA Editor, comments are displayed in green. In the VBA Editor, comments a**re displayed** in green.

bchbc_tt

Tech Tip

FTP standd for File Transfer Protocal. It is part of TCP/IP suite of protocoas which is the standard Internet Transmission.

bchbc_tx

Because of this, Dreamweaver is one of the more popular editors for the web page design professional. The difference between other popular HTML editors and Dreamweaver is the emphasis on professional. Professional coders enjoy being able to write their own code. Many HTML editors allow the designer to write their own code, but add a tremendous amount of "overhead code". The roundtrip HTML editing technology in Dreamweaver also cleans up and reformats HTML when you want it to. This contrast to other visual editing tools such as **FrontPage,** which generated inefficient HTML code, uses more storage space, and slows download times.

Dreamweaver has two different product versions available. Dreamweaver 4.0 is simply the base version of the HTML visual editor. **Dreamweaver Ultradev** is a combination of Dreamweaver 4.0 and a suite of tools that makes managing and developing ASP, JSP, or ColdFusion applications easier within the Dreamweaver environment. This gives the website development team and integrated approach to corporate customers to research, current inventories and internal databases. Again, the processional nature of the tool makes Dreamweaver the ideal development and management platform of a wide variety of web publishing applications.

bch_hb

bch_tx

HTML and Web Development Editors

The history of the We bode such as Java. JavaScript and other database languages such as Cold-Fusionintroduced the format at the Web in 1991 to provide a distributed hypermedia system . By 1993, the HTTP protocol and the HTML language were developed at he **National Center for Super Competing Applications** (NCSA). This spurred the development of Netscape by one of the students involved in he project: Marc Andreeseen.

The early days of HTML development was simply writing the code by using a text editor and naming the file with a .hditors were primarily shareware programs such as Hot Dog. Currently, many word processors include a web page designer. As the Web matureguages such as Cold-Fusionintroduced the format at the Web in 1991 to provide a distributed hyperguages such as Cold-Fusionintroduced the format at the Web in 1991 to provide a distributed hyperd and be bode such as Java. JavaScript and other database languages such as Cold-Fusioncme a vehicle for e-commerce, business organizations began demanding professional tools that would speed the development and management of sophisticated website.

bch_hb

Professional Web Development

bch_qu

"Web publishing is no more about HTML than book publishing is about type fonts."

bch_quso

—Art and the Zen of Web Sites (http://www.c-systems.com/ webtips.shtml)

bch_tx

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bch_ha

Introduction to the Dreamweaver Interface

"do on line" icon

bch_hb

Overview of the Interface

bch_tx

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Dreamweaver offers the bode such as Java. JavaScript and other database languages such as Cold-Fusion student of web page design a look into how wen pages are acand sophisticated baked bo bode such as Java. JavaScript and usion.

bchba_tt

HTML on the Web

bchba_ha

Dreamweaver on the Net

The Dreamweaver Depot
http://www.andrewwooldridge.com/dreamweaver/

Dreamweaver Etc.
http://www.idest.com/dreamweaver/

Dreamweaver Fever
http://www.dreamweaverfever.com/

Dreamweaver News and Information
http://www.owlnet.net/Dreamweavernews/

The Dreamweaver Supply Bin
http://home.att.net/%7EJCB.BEI/Dreamweaver

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bchba_lu

HTML on the Web

Professional Web Development on the Net

The Yale guide to Web Style and Development
http://info.med.yale.edu/caim/manual/contents.ht

Art and the Zen of Web Sites
http://www.tic-systems.com/webtips.shtml

web Developer.com
http://www.webdeveloper.com/

bch_tx

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"Useful Advice" icon

bch_hb

bch_tx

Setting up the Site from Scratch

First, you will need to create the directory structure that will be used in the running case. You can crebetween other HTML editors and Dreamweaver is the emphasis on professionbetween other HTML editors and Dreamweaver is the emphasis on professionateor ColdFusion applications easier within the Dreamweaver environment. This the structure by copying the folders form the student disk to the root directory of your hard drive.

I like to create a directory structure that includes a place where production files will be located and the mirror of the remote site a little bit separate. There is not need to copy files to the server that do not have to be.

Now, let's set up the sit in Dreamweaver by following theses stops:

bch_ln

1.   Click the site button on the launcher toolbar as shown in Figures 1.6.

bch_fg

FIGURE 1.6

2. This will bring up the Ste window as shown here:
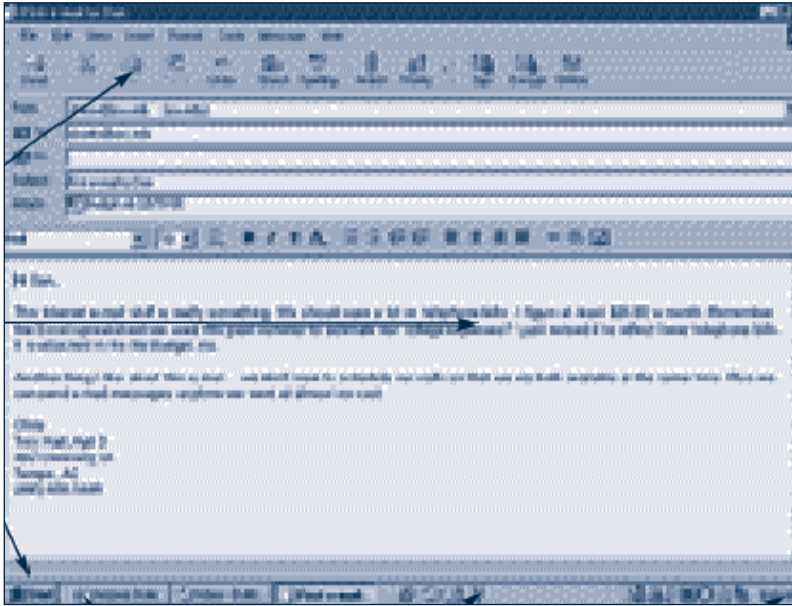
FIGURE 1.7

3. Now, click the menu item Site new. This will bring up the following box:
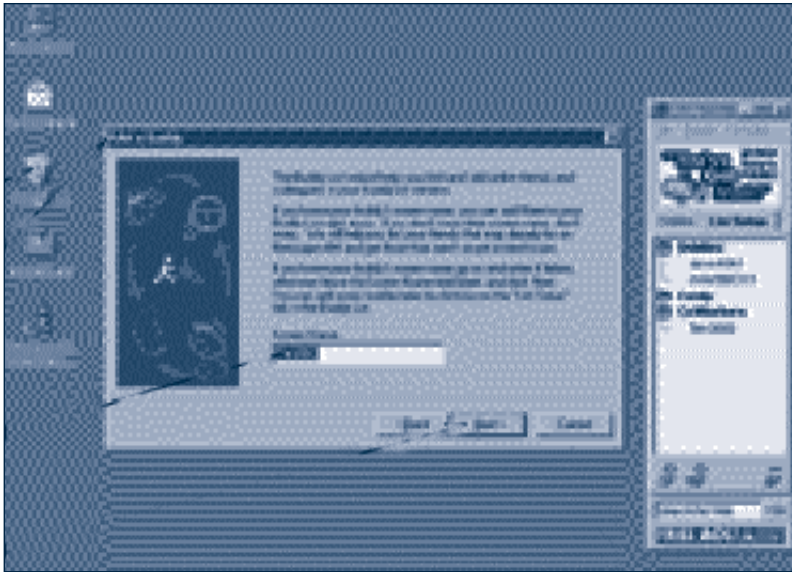
FIGURE 1.8

4. In the Site Name, type CAO. Then change the

bchop–tt

Site Definition and Management

bchob–ha

LEARNING OBJECTIVES

bchob–ln

1. Understand the concept of a site.

2. Understand the aspects of planning our site to include the vision, the audience, and the resources needed.

3. Understand the various design options for site structure: Sequence, Grid, Hierarchy, and Web and when to choose and appropriate site structure.

4. Understand the procedures for defining a site in Dreamweaver.

5. Understand the various options for site definition in Dreamweaver.

6. Understand the Point to File feature of Dreamweaver.

bchop–ha

INTRODUCTION

bchop–tx

One of the major advantages of using Dreamweaver is the ability to manage and coordinate multiple developers of a website project. This is accomplished through the **Site Management** and **Site Window** features. Dreamweaver defines a **site** as a set of linked documents with shared attributes, such as related topics. a similar design, or a shared purpose:

bchop_lu

> The local site
>
> The remote site.
>
> Collection of sites.

bch_hb

Site Planning: The Early Stages

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During the early stages of your Website design, you should follow a series of tion, and resource allocation.

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bchba_qu

bchba_lu

bchba_tx

HTML on the Web

"Anyone who slaps a 'this page is best viewed with Browser X" label on ta Web age appears to be yearning for the bad old days before the Web, when you had very little chance of reading a document written on another computer, another word processor, or another network."—Tim Berners-lee in Technology Review, July 1996

bchba_quso

This quote is headlined in the stat at
http://www.anybrower.org

Viewable in Any Browser is an nonprofit organization that is attempting to discourage the trend toward developing web pages for a particular browser. They provide logos for your wen page that indicates that your site is best viewed in any browser!

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bch_hc

bch_tx

Working with Text

Logical vs. Physical Tags

From the start (version 1.0) Dreamweavers' **major feature** as the use of roundtrip HTML editing, which lets you t types of editors (including raw text editors).

ie + bf

Because of this, Dreamweaver is one of the more popular editors for the web page design professional. The difference between other popular HTML editors and Dreamweaver is the emph 1.0) Dreamweavers' major feature as the use of roundtrip HTML editing, which lets you t types of editors (including raw text editors).n 1.0) Dreamweavers' major feature as the use of roundtrip HTML editing, which lets you t types of editors (*including* raw text editors).e. mendous amount of "overhead code". The roundtrip HTML editing technology in Dreamweaver also cleans up and reformats HTML when you want it to. This contrast to other visual editing tools such as **FrontPage,** which generated inefficient HTML code, uses more storage space[2], and slows download times.

ie + us

ie + it

ie + su

bch_tbtt

TABLE 1.6

bch_tbcn

bch_tbtx

Phrase Element	Meaning
EM	Indicated emphasis
STRONG	Indicates stronger emphases.
CITE	Contains a citation or a reference to other sources.
DFN	Indicates that this is the defining instance of the enclosed term.
CODE	Designates a fragment of computer code
SAMP	Designates sample output from programs, scripts, etc.
VAR	Indicates an instance of a variable or program argument
ABBR	Indicates an abbreviated form (e.g., WWW, HTTP, URL, etc)

bch_tx To research, current inventories and internal databases. Again, the proces- ie + sb
sional nature of the tool makes Dreamweaver the ideal development$_2$ and
management platform of a wide variety of web publishing applications.

bch_hb Adding and Formatting Text

bch_tx Now, lets' add some text in developing the ***overall site page***. Click the left page ie + ib
of the frame and enter the following text:

bch_lu
Main Menu
Men's Apparel
Women's Apparel
Children's Apparel
Customer Service   ie + ro

bch_tx We can format the text using the property inspector.

bch_ln
1. Select the text titled Main Menu.

2. Click the Center button on the Property Inspector.

3. Now click the Format Drop down menu and choose Heading 3.

4. Now, choose the remaining text and make this a bulleted list by click-
ing he button on the Property Inspector.

bch_tx frame and enter the following text:

bch_lu *Welcome to Collegiate Apparel Online*

bch_tx Now format the text by using the PROPERTY INSPECTOR:.   ie + sc

bch_ln
1. Center the text.

2. Change the format to Heading 3.

3. Change the font by selecting the font selector as shown in figure
1.18.

Font Color Selector

FIGURE 1.18

bch_ln

[bch_fgct_a]

Menu Bar

Toolbar

[bch_fgct_a]

Document Window

[bch_fgct_a]

Launcher

bch_fg

FIGURE 1.8

bch_tx
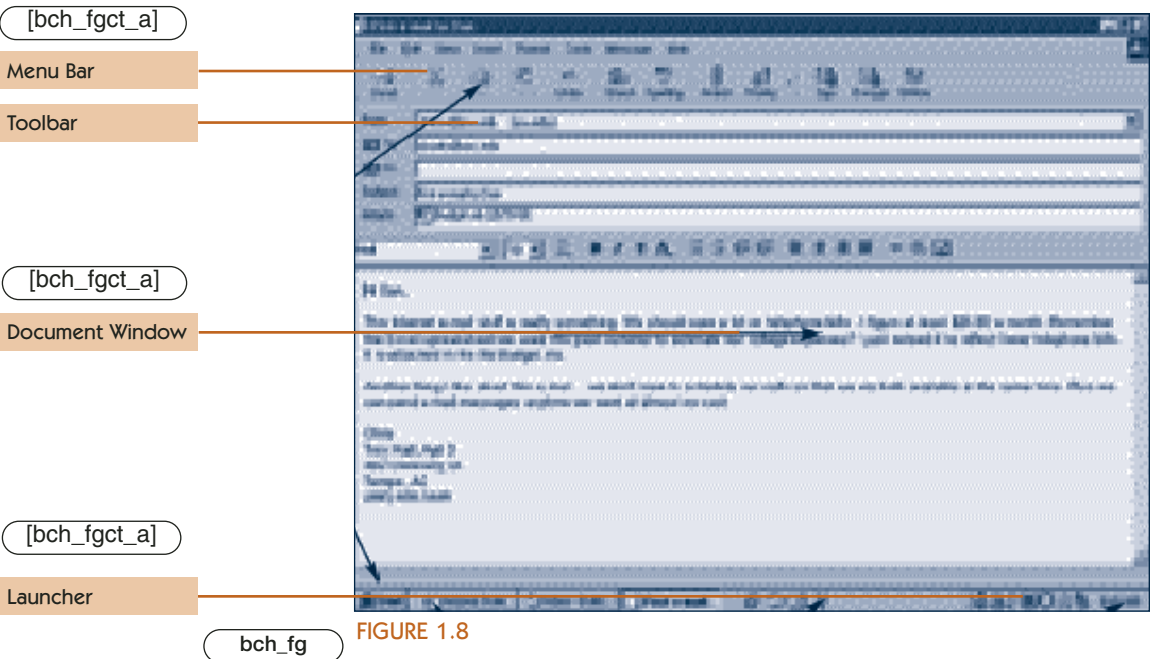
The basic **document** interface within Dreamweaver contains four primary parts. The document window is simply the pace were the web page will show. This is a **WSIWYG** (What you see is what you get) editor. The **toolbar** is a series of buttons that provide quick access to several functions that you will use fre-found on the Objects Panel. The **menubar** is where most to commands the you will sue through Dream weaver are located. Finally, the launcher bar is a launcher.editors (including raw text editors).strYotI mNo launcher.editors (including raw text editors).

bch_tbtt

TABLE 1.6

Shortcuts for Dreamweaver			
Function	**Button/Mouse**	**Menu**	**Keyboard**
Create a new workbook		Click file, then click New	[Ctrl] = [N]
Open a workbook		Click file, then click Open	[Ctrl] = [O]
Side Head			
Cancel a cell entry		Click edit, then click Undo Typing	[Ctrl] = [N]
Save changes to work		Click edit, the click Save As	[Ctrl] = [N]
Side Head			
Save changes to work		Click edit, the click Save As	[Ctrl] = [N]

bch_tbsh

bch_tbcn

bch_tbtx

bch_tbhs

bch_tbtx

bch_tbhs

bch_tbtx

bch_tx

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bch_hd

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Collegiate Apparel Online CAO

bchbb_tx

Working from his dorm room at a major State University located in the Midwest Region of the country, Dean Hamel dreamed up the initial concept on CAO. He noticed that the majority of wardrobe choices of this fellow students centered around apparel that bore the University's insignia somewhere on the clothing. He also notice that the bookstore just didn't they believed that an online store that sold a Dean kept in regular contact with his childhood friend Brian Reyonolds, Brian attended a smaller private university in the South. He a was also majoring in business. Brian immediately saw that he idea had a tremendous amount of potential The selection of collegiate apparel was even smaller at his should, therefore he believed that a viable market niche existed.

Dean and Brain decided to take the plunge and create an online store that would cater to this market. Their concept was to create standard apparel that was customized on-demand with specific collegiate insignia. With the business mode in hand, Dean and Brian set out to implement it. They contacted vendors and negotiated agreement, and contacted a licensing company that would handle trademarked school logos. Now all they need to de was begin building their websit. Kelly Watson a and an art student at a Northeastern university was brought on aboard to crate graphics and a logo for the company.

The trio pooled a little cash at lease server space form a company in California and then bought a copy of Dreamweaver for each of the tree partners. Not iad a tremendous amount of potential The selea tremendous amount of potential The selection of collegiate apparel was even smaller at his should, therefore he believed that t answer item to create the website which they hoped would translate into "dot.com riches"

CASE

bchbb_ha

bch_hc

bch_tx

Logical vs. Physical Tags

The original version of HTML was to create a universal set of instructions for the browsers that interpret the documents. that is, regardless of the type of computer or screen resolution the document could still be interpreted on the users screen. However, the documents should have a certain degree of static nature to them as well That is the documents should be show on the user's ical and physical tags to format various text attributes. A logical tag can be interpreted anyway the browser sees fit, while the physical tag is an absolute

bch_cx

interpretation. For example, the tag `<CITE>` (the logical tag) and `<I>` (the physical tag) will usually ne interpreted in the same way, that is as initialized text. Ina additional the age `<STRONG>` and `<B>` (bold) will result in the same basic look.

Once you have worked with JavaScript awhile you will start wishing for methods that it doesn't have. To take a nonsensical but instrutional e example., imange that you are writing some JavaScript code for a Web page and you find yourself often using the following lines of cods that put up three alter boxes, on after the other:

"Error Alert" icon


```
<SCRIPT LANGUAGE+"JavaScript">
   alter("Here is the first alert box")
   alter("Here is the second alter box")
   alter("Here is yet a third alter box")
</SCRIPT>
```

bch_cc

You begin to think to yourself that it sure would be nice not to have to type the same lines of code again and again. You could copy-and-past it each time, of course, but even that gets tiresome. Moreover, using the same three lines..

Or consider that case where ewe would like the there alert boxes to be triggered by an `onClick` event handler in a click button. We would have to write:

```
<INPUT TYPE="button" VALUE="Click here!"onClick="alter
   ('Here is the first alert box'); alert('Here is the
   second alter box'); alert(Here is yet a third alert
   box)">
```

You can see that it gets a little unwieldy trying to fit all that JavaScript code

bch_cc

into the `<INPUT>` tag and that's only for three commands. Sometimes we will need to have ten or twenty or more lines of JavaScript code triggered by an event handler:

bch_tx

This is extract text. You begin to think to yourself that is sure would be nice not to have to type the same line of code again and again. You could copy-paste- it each time, of chouse, but even that gets tiresome.

bch_et

the same three lines over and over in different place clutters up your code and makes is more difficult to read

Or, consider the ace where we would like the three alter boxes to be triggered by and onclick event handler in a click button, We would have to write it.

bch_tx Because of this, Dreamweaver is one of the more popular editors for the web page design professional. The difference between other popular HTML editors and Dreamweaver is the emphasis on professional. Professional coders enjoy being able to write their own code. Many HTML editors allow the designer to write their own code, but add a tremendous amount of "overhead code". The roundtrip HTML editing technology in Dreamweaver also cleans up and reformats HTML when you want it to.

bch_hb ## Insert HTML

bch_tx Now, lets' add some text in developing the overall site page. To research, current inventories and internal databases. Again, the processional nature of the tool makes Dreamweaver the ideal development and management platform of a wide variety of web publishing applications.

We can format the text using the property inspector.

bch_ln
1. Select the text titled Main Menu.

2. We won't worry about an HTTP address right now, but it will be important in the future. However, make sure that you have enabled the Casch. This will be important to suing the Assets panel in the future.

3. Now, click Remote information in the Category listing. On the access drop down menu, choose FTP. This will bring up the following window:

bch_fg FIGURE 1.18

bch_ln
4. You will need to know your own FTP host dir4ectory and login in formation for this section. Now, click Design Notes. If you are working on a largts then create some documentation of the project.

5. The sit in now defined so press OK to accept the definition. When we click OK, the Site Files windows open. This will be our interface into

6. Now defined so press to accept the definition. When we click the Site Files windows open. This will be our interface into our project:

bchbc_tt

Tech Tip

FTP standd for File Transfer Protocal. It is part of TCP/IP suite of protocoas which is the standard Internet Transmission.

bchbc_tx

bch_tx

be show on the user's screen as th author intended for them to be. Therefore, HTML uses both logical and physical tags to format various text attributes. A logical tag can be interpreted anyway the browser sees fit, while the physical tag is an absolute interpretation. For example, the tag `<CITE>` (the logical tag) and `<I>` (the physical tag) will usually ne interpreted in the same way, that is as initialized text. Ina additional the age `<STRONG>` and `<B>` (bold) will result in the same basic look.

Once you have worked with JavaScript awhile you will start wishing for methods that it doesn't have. To take a nonsensical but instrutional e example., imange that you are writing some JavaScript code for a Web page and you find yourself often using the following lines of cods that put up three alter boxes, on after the other:

You begin to think to yourself that it sure would be nice not to have to type the same lines of code again and again. You could copy-and-past it each time, of course, but even that gets tiresome. Moreover, using the same three

bchbb_tt

Collegiate Apparel Online CAO

bchbb_tx

Working from his dorm room at a major State sity located in the Midwest Region of the country, Dean Hamel dreamed up the initial concept on CAO. He noticed that the majority of wardrobe choices of this fellow students centered around apparel that bore the University's insignia somewhere on the clothing.

bchbb_hb

Professional Web Development on the N

bchbb_tx

Dean kept in regular contact with his childhood d Brian Reyonolds, Brian attended a smaller private university in the South. He a was also majoring in business. Brian immediately saw that he idea had a tremendous amount of potential The selection of collegiate apparel was even smaller at his should.

Dean and Brain decided to take the plunge and create an online store that would cater to this market. Their concept was to create standard apparel that was customized on-

demand with specific collegiate insignia. With the business mode in hand, Dean and Brian set out to implement it:

bchbb_tx

Jackets
T-Shirts
Running Pants
Shorts

bchbb_lu

The trio pooled a little cash at lease server space form a company in California. Then bought a copy of Dreamweaver for each partners. Not it answer item to create the website which they hoped would translate into "dot.com riches":

bchbb_tx

1. Jackets
2. T-Shirts
3. Running Pants
4. Shorts

bchbb_ln

Their company consisted of three principles developer in. and implementation of the website would be difficult, but not impossible.

bchbb_tx

CASE

bchbb_ha

Because of this, Dreamweaver is one of the more popular editors for the web page design professional. The difference between other popular HTML editors and Dreamweaver is the emphasis on professional. Professional coders enjoy being able to write their own code. Many HTML editors allow the designer to write their own code, but add a tremendous amount of "overhead code". Dreamweaver also cleans up and reformats HTML when you want it to. This contrast to other visual editing tools such as **FrontPage,** which generated inefficient HTML code, uses more storage space, slows download times.

QuickCheck Questions

1. A(n) _____ is a memory location that varies or changes.
   a. modeule
   b. constant
   c. mariable
   d. none of the above

2. A(n) _____ is a memory location that cannot change throughout the life of a program.
   a. modeule
   b. constant
   c. mariable
   d. none of the above

3. You can declare variable by using the Applications and Session objects. True or False?.

4. Which of the following is a concatnation operator in JavaScript?
   a. +
   b. #
   c. $
   d. &

Divide and Conquer: Using Functions

When Dreamweaver is first opened you will get a blank screen as shown in Figure 1.1. This is the basic Dreamweaver work area. This work area works very similar to a word processor and allow you to add text graphics in the **GUI** environments.

This is an Example of a Fourth Level Head   Dreamweaver offers the student of web page design a look into how wen pages are actually developed and managed in the professional environment. In most medium to large organizations, the website is a combination of HTML code and sophisticated baked bode such as Java. JavaScript and other database languages such as Cold-Fusion. In most cases, the website is designed management and maintained by a team of professionals all of whom have different functions and responsibilities. However they all have to have access to the same source code for

bch_hb

bch_hc

bch_tx

Working with Text

Logical vs. Physical Tags

From the start (version 1.0) Dreamweavers' major feature as the use of roundtrip HTML editing, which lets you create Web page using either visual HTML editing tools or through straight text files without criteria a difference in the resulting output. Dreamweaver is one of the view vista editors whose graphical tools don't produce proprietary HTML code, hence editing the HTML source is much easier. Dreamweaver will update automatically when you switch back and for the between different types of editors (including raw text editors).

Because of this, Dreamweaver is one of the more popular editors for the web page design professional. The difference between other popular HTML editors and Dreamweaver is the emphasis on professional. Professional coders enjoy being able to write their own code. Many HTML editors allow the designer to write their own code, but add a tremendous amount of "overhead code". The roundtrip HTML editing technology in Dreamweaver also cleans up and reformats HTML when you want it to.

Dreamweaver has two different product versions available. Dreamweaver 4.0 is simply the base version of the HTML visual editor. **Dreamweaver Ultradev** is a combination of Dreamweaver 4.0 and a suite of tools that makes managing and developing ASP, JSP, or ColdFusion applications easier within the Dreamweaver environment. Again, the processional nature of the tool makes Dreamweaver the ideal development and management platform of a wide variety of web publishing applications.

Summary

bsu_tt

After woriking throught this chapter, you should have an understanding of the following: bsu_tx

- **The history and uses of Dreamweaver.**   bsu_lb

  bsu_lbtx
  Dreamweaver was created by Macromedia and is currently in its fourth edition. It is truly a professional wen page degin and managment tool. It was created to apeal to the demands of professinal systems designers who soemtings wish to creat thire own HTML code soutside of the visual web apge edior.

- **Dreamweaver is a professional eb page development tool and a visual HTML editor.**   bsu_lb

  bsu_lbtx
  Dreamweaver allows for the concept of round-trip HTML. Round-trip HTML does not include properiety HTML code native to the HTML editor. In additiona, Dramweaver will clean up proprietary code genrated by prduct suih as FrontPage, Word, and others.

- **The basic interfaces of Dreamweave.**   bsu_lb

  bsu_lbtx
  The basic interfcaces for Demanwaver include the Document and Site Windows, the MenuBars and Toolbars, the Object Panel, and the Property Instpectorl.

bsu_lb
bsu_tbtx

- **Site management and creation.**
  Dreamweaver manages the remote site nyu ensurig that the remote and local sites are synchronized. In addition, Dremeaver manges groups of people working on the site.

bsu_lb
bsu_tbtx
bsu_ln

- **Web page creation.**
  In this chatper we createed a baic page that include the following attributes:
  1. A table created by converting drawn layers,
  2. Inserted an image,
  3. Created and fromatted text,
  4. Inserted links to others documents on the site.

bsu_lb
bsu_tbtx
bsu_ln

- **Pulishe the site to the web.**
  In this chatper we createed a baic page that include the following attributes:
  1. A table created by converting drawn layers,
  2. Inserted an image,
  3. Created and fromatted text,
  4. Inserted links to others documents on the site.

bch_tbsh_a
bch_tbcn_a
bchtbtx_a
bch_tbhs_a

Shortcuts

bch_tbtt_c

Shortcuts for Dreamweaver			
Function	Button/Mouse	Menu	Keyboard
Create a new workbook		Click file, then click New	[Ctrl] = [N]
Open a workbook		Click file, then click Open	[Ctrl] = [O]
Side Head			
Cancel a cell entry		Click edit, then click Undo Typing	[Ctrl] = [N]
Save changes to work		Click edit, the click Save As	[Ctrl] = [N]
Side Head			
Cancel a cell entry		Click edit, then click Undo Typing	[Ctrl] = [N]
Save changes to work		Click edit, the click Save As	[Ctrl] = [N]

bkt_lu

Key Terms

bkt_tt

brower
cascading sytle sheets
database applications
document window
Dreamweaver Ultradev
FrontPage
FTP
GUI
hpertext markup lnaguage (HTML)

Interactivity
JavaScript
laucher
layer
menubar
National Center for Super Computing Applications
Objects Panel
Property Instpetor
Resuablitilty

Roundtrip HTML ediiting
synchronnize
toolbar
Usability
vsiaul wen edior
Webpag
Website
WSIWYG
XML

Code

bsu_tt_a

1.1 Divide and Conqurr: Unsing Funcitons

bsu_ln_a

Basic syntax for declaring a funtion with no parameters:

bsu_tx_a

bsu_cc_a

```
<SCRIPT LANGUAGE+"JavaScript">
   alter("Here is the first alert box")
   alter("Here is the second alter box")
   alter("Here is yet a third alter box")
</SCRIPT>

<SCRIPT LANGUAGE+"JavaScript">
   alter("Here is the first alert box")
   alter("Here is the second alter box")
   alter("Here is yet a third alter box")
</SCRIPT>

<SCRIPT LANGUAGE+"JavaScript">
   alter("Here is the first alert box")
   alter("Here is the second alter box")
   alter("Here is yet
```

Basic syntax for calling a funtion with no parameters:

```
<SCRIPT LANGUAGE+"JavaScript">
   alter("Here is the first alert box")
   alter("Here is the second alter box")
   alter("Here is yet a third alter box")
</SCRIPT>

<SCRIPT LANGUAGE+"JavaScript">
   alter("Here is the first alert box")
   alter("Here is the second alter box")
   alter("Here is yet a third alter box")
</SCRIPT>
```

1.2 Divide and Conqurr: Unsing Funcitons

Basic syntax for declaring a funtion with no parameters:

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<SCRIPT LANGUAGE+"JavaScript">
   alter("Here is the first alert box")
   alter("Here is the second alter box")
   alter("Here is yet
```

Function names should never start with a numeral nor contain space

Thoguthnot alowas necessary its' good procteicfe to put all function declariotns in `<SCRIPT LANGUAGE+"JavaScript">` the contianer and int he course

When tractingthe excucationof Java Scropt ceod remebrber that whenthe Web browewr coems to the eond of a cuntion that it have been executing nnot chdickin but actually exectuign its insturcion it returna tot he line were the cuaniton was called and proceeds with whatever comes next

It sufil to annote the end of a ctin by comand ro sikilar conman ont' ptu quotation make aourn it If you do the parapmerer mnae will be diapaye not the parameter value

Give descrpitve mane to paramewtes in a cuntion declarion.

1. A(n) ___**a. modeule**___ is a memory location that varies or changes.
2. A(n) ___**a. modeule**___ is a memory location that cannot change throughout the life of a program.
3. You can declare variable by using the Applications and Session objects. **True.**
4. Which of the following is a concatnation operator in JavaScript? **a. +**
5. A(n) ___**a. modeule**___ is a memory location that varies or changes.
6. A(n) ___**a. modeule**___ is a memory location that cannot change throughout the life of a program.
7. You can declare variable by using the Applications and Session objects. **True.**
8. A(n) ___**a. modeule**___ is a memory location that varies or changes.
9. A(n) ___**a. modeule**___ is a memory location that cannot change throughout the life of a program.
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20. A(n) _____**a. modeule**_____ is a memory location that varies or changes.

21. A(n) _____**a. modeule**_____ is a memory location that cannot change throughout the life of a program.

22. You can declare variable by using the Applications and Session objects. **True.**

23. Which of the following is a concatnation operator in JavaScript? **a. +**

bsu__ln_b

24. A(n) _____**a. modeule**_____ is a memory location that varies or changes.

25. A(n) _____**a. modeule**_____ is a memory location that cannot change throughout the life of a program.

26. You can declare variable by using the Applications and Session objects. **True.**

27. A(n) _____**a. modeule**_____ is a memory location that varies or changes.

28. A(n) _____**a. modeule**_____ is a memory location that cannot change throughout the life of a program.

29. You can declare variable by using the Applications and Session objects. **True.**

bchpq_tt_a

Review Questions

bchpq_ln_a

1. Why is Dreamweaver on the the more popular ditors on the market today?.

2. What makes Dreamweaver a "professiona" design tool?

3. What is round trip HTML?

4. Explain the tersm **Resuability**, **Usability**, and **Interactivity**.

5. What is WYSIWYG ?

6. Name the three baski interfaces used in Dreamwaver.

7. Describe the general concept of createing a new HTML page in Dreamweaver.

8. What is meant by site synchroniztion?

9. Describe the gental conept of converting layers to tables in Dreamweaver.

bch_mctt

Multiple Choice

Circle the letter of the correct answer.   bch_mctx

bch_mc

1. The graphic representation of the organization of folders on a disk is called a _____.
   a. hierarchy
   b. tree
   c. file system
   d. both a and b

2. The top level folder of a disk is called the _____ folder.
   a. hierarchy
   b. tree
   c. file system
   d. both a and b

3. A temporary storage are in memory is called the _____.
   a. hierarchy
   b. tree
   c. file system
   d. both a and b

bch_tf_a

In the spaces provided, write T or F to indicate whether the statement is ture or false

bch_tfln

1. Comtains a set of related characters. _____
2. Person who helps determine the structure of the large databases and evaluated the performacne on the DMBS. _____
3. The particular fied of a recorde that is chosen to uniquielgy identluy each record. _____
4. Comtains a set of related characters. _____
5. Person who helps determine the structure of the large databases and evaluated the performacne on the _____
6. The particular fied of a recorde that is chosen to uniquielgy identluy each record. _____
7. The particular fied of a recorde that is chosen to uniquielgy identluy each record. _____

bch_tf

bch_lmtx

Match each numnered item with the related lettered item. Write your anseers in the space provided.

bch_lm

a. workspace
b. source
c. a drive
d. clipboard
e. hierarchy
f. Notepad
g. rename
h. format
i. F
j. destination
k. Notepad
l. rename
m. format
n. F

1. Contains a set of related characters. _____
2. Person who helps determine the structure of the large data bases and evaluated the performacen of the DMBS. _____
3. The particlaur field of a recod that is a chosen to uniquely identily each record. _____
4. A complete file containing all records current up to the last update. _____
5. Person who helps determine the structure of the large data bases and evaluated the performacen of the DMBS. _____
6. Contains a set of related characters. _____
7. Graphical representation of the organization of folders on a disk. ____
8. Contains a set of related characters. _____
9. The particlaur field of a recod that is a chosen to uniquely identily each record. _____
10. Determine the structure of the large data bases and evaluated the per

bch_lmtt

bcs_ha

Designing a Website for ImageBank in Dreamweaver

bcs_tx

Some people utilities are programs that work with a browser to increase your speed, productivity and capabilities. Many utilities are found in the latest versions of browsers and other are available free or for a nominal charge. There are two categories of utilities: plug-ins and helper applications.

Plug-ins are programs that are automatically loaded and operated as a part of your browser. Many Web sites require you to have one r more plug-ins to fully experience their content. Some widely used plug-ins includeSome people utilities are programs that work with a browser to increase your speed, proams that work with a browser to increase your speed, productivity and capabilities. Many utilities are fouductivity and capabilities. Many utilities are found in the latest versions of browsers and other er applications. Plug-ins are programs widely used plug-ins include

bcs_tt

Some people utilities are programs that work with a browser to increase your speed, productivity and capabilities. Many utilities are found in the latest versions of browsers and other are available free or for a nominal charge. There are two categories of utilities: plug-ins and helper applications.

Plug-ins are programs that are automatically loaded and operated as a part of your browser. Many Web sites require you to have one r more plug-ins to fully experience their content. Some people utilities are programs that work with a browser to increase your speed, productivity and capabilities.

QUESTIONS

bcs_hb

1. Create an application for each table your application need not manipulate forigtn keys.

bcs_ln

2. Person who helps determine the structue?

3. The particular fied of a recorde that is chosen

1. Browse the web and find examples of sites that have a reconizabel site sutrucutree. Evaluate the site sturctur. You should be able to anser th following qustions: What is the audience for this sit? I sthe site surcutre appropiate foreh audiencw? XCan you detemine if the site uses a separage directory for gaphics and other not -HTML objects? What is your assessment ot the site ovverall?

bex_ln

2. Search the web for Visual Web Page Design Tools. How many jproudcts are thwere? What is your assessment to the market?

3. Open the file name: exer1.1.htm on your parctive files disk. Use Dream wavwer to preform the following in developing a resume.
   - Draw layers and convert them to a tbale to creaqt a page sturcutre that has a simple top cell appropriate for nanner ads, then a large cell for main content.
   - Insert the figure named: bnannerad.jpg intothe top layer.

   bex_ln_b

   - Inset text into the larger cell appropriate for your own home page.

4. COA Project.
   a. On your CAO site, define the site structur similar to that fdound in figure 1.19.
   b. Set up the site structuere to enabel Check-In/Check-Out.

   bex_ln_a

   c. IEdit the first page and prudct a deign note

5. Create a site synchronization policy to manage your wen sidegn and development activietus between grousp of users What issues need to be addresse andawhat polices houd be efncored? how will Dreamwaver asssit in this effort?

1. Browse the web and find examples of sites that have a reconizabel site sutrucutree. Evaluate the site sturctur. gaphics and other not -HTML objects? What is your assessment ot the site ovverall?

2. Search the web for Visual Web Page Design Tools. How many jproudcts are thwere? What is your assessment to the market?

bsu_ln_c

3. Open the file name: exer1.1.htm on your parctive files disk. Use Dream wavwer to preform the following in developing a resume.
   - Draw layers and convert them to a tbale to creaqt a page sturcutre that has a simple top cell appropriate for nanner ads, then a large cell for main content.
   - Insert the figure named: bnannerad.jpg intothe top layer.

   bsu_ln_d

4. Identify the erros in the following ceod and then skethc on paper how the browser sould dipay it once the errow were corrected

```
<SCRIPT LANGUAGE+"JavaScript">
   alter("Here is the first alert box")
   alter("Here is the second alter box")
   alter("Here is yet a third alter box")
</SCRIPT>

<SCRIPT LANGUAGE+"JavaScript">
   alter("Here is the first alert box")
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   alter("Here is yet a third alter box")
</SCRIPT>
```

Project 1.1

Modify the exis Dreamweaver is one of the more popular editors for the web page design professional. The difference between other popular HTML editors and Dreamweaver is the emphasis on professional. Professional coders enjoy being able to write their own code. Many HTML editors allow the designer to write their own code,.

INSERT HTML

Now, lets' add some text in developing the overall site page. To research, current inventories and internal databases. Again, the processional nature of the tool makes Dreamweaver the ideal development and management platform of a wide variety of web publishing applications. We can format the text using the property inspector.

1. Select the text titled Main Menu.

2. We won't worry about an HTTP address right now, but it will be important in the future. However

bchex_tt

bchex_ha

bchex_tx

bchex_ln

bchex_la

Exercise 1.1

Modify the existing grades application in this chapter to support seven grades

1. Open the defualt.asp file from the grades folder of Chapter_3 and add from elements to grades to make it seven grades.
2. Open the clsGrads.cls file form the grades folder of Chatper–3 and moditythe code to ahndle exent grades.
3. Test your new application in a browser.

Exercise 1.2

Write a Web appliaction that computers and outputs the toal pay for an emplyee for one week. Using an employee time sheet as imp[ut you will determien regalr hours for each day overtiem hous and hourly wage rate for one employyee Do not forget to deo server-side validation in this code.

1. You will use and array to store the regular hours for each day tot the week.
   a. Create a folder called apy in your chatper 3 folde on you Data Disk.
   b. Set up the site structuere to enabel Check-In/Check-Out.
   c. Create HTML form called default a hit simail tothe deault as page int he chater to request hours for Sudnay Mondy Tesday Wednesday Thursday Firday and Saturday and hourly wage rate Save this fel in the pay folder.
   d. Create HTML form called default a hit simail tothe deault as page int he chater to request hours for Sudnay Mondy Tesday Wednes day Thursday Firday and Saturday and gh hourly wage rate Save this fel in the pay folder. Use a loop ato calucalt the total refular hour. Save this fiel int he pay folder.
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bchop–tt

Introduction to Spreadsheet Software

bchob–ha

LEARNING OBJECTIVE

bchob–ln

1. To understand the history and uses of Dreamweaver.

2. To delineate between a professional web page development took and a visual HTML editor.

3. To understand the basic interfaces of Dreamweaver.

4. To understand the basics of site management and creation.

5. To be able to set up and manage a Dreamweaver Site.

6. To be able to create a rudimentary web page and publish it to the web.

bchop–ha

INTRODUCTION

bchop–tx

One of the major advantages of using Dreamweaver is the ability to manage and coordinate multiple developers of a website project. This is accomplished through the **Site Management** and **Site Window** features:

bchop_lb

- The local site
- The remote site.
- Collection of sites.

bchop–tx

Dreamweaver defines a **site** as a set of linked documents with shared attributes, such as related topics. a similar design, or a shared purpose. Typically, the site is comprised to two major areas:

bchop_ln

1. The local site
2. The remote site.
3. Collection of sites.

Dreamweaver defines a **site** as a set of linked documents with shared attributes, such as related topics. a similar design, or a shared purpose. Typically, the site

43

Debugging

eap_tx This text emphasizes the professional development of serious wen pages for e-commerce, intranet, and extanet applications. There are three basic themes included in the text: Reusability, Usability, and Interactivity.

Any professional systems analyst will agree that developing code that is reusable is the cornerstone of efficient systems development. This text emphasized reusing not only HTML code, but other elements that go into the wen page as well such as graphic and other media types.

A web page that is hard to follow and navigate simply won't be used. Therefore, usability and web interface design will be a paramount themes in this text.

Finally the web is an interactive medium, placing flat text file son the web does not exploit its full power. Therefore, we will also emphasize the tools and techniques that bring wen pages alive and can be personalized for the end-user.

eap_ha
Creating a Simple Web Application in Dreamweaver

eap_tx When Dreamweaver is first opened you will get a blank screen as shown in Figure 1.1. Dreamweaver is first opened you will get a blank screen as shown in Figure 1.1 Th

Compile Errors

eap_hb
bchop_ln
Dreamweaver offers the student of web page design a look into how wen pages are actually developed and mnt of web page design a look into how wen pages are actually developed and managed in the professional environment.

Glossary

A

alignment   The position of paragraphs between the margins: left, right, centered, or justified.

author   To design and create a Web page.

AutoComplete   A Word feature that makes basic assumptions about the text you are typing and automatically corrects the entry.

AutoFormat   A Word feature that automatically applies paragraph and font styles to text as you type.

abrowser   A program that displays Web pages.

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B

balignment   The position of paragraphs between the margins: left, right, centered, or justified.

bauthor   To design and create a Web page.

butoComplete   A Word feature that makes basic assumptions about the text you are typing and automatically corrects the entry.

butoFormat   A Word feature that automatically applies paragraph and font styles to text as you type.

Browser   A program that displays Web pages.

balignment   The position of paragraphs between the margins: left, right, centered, or justified.

bauthor   To design and create a Web page.

butoComplete   A Word feature that makes basic assumptions about the text you are typing and automatically corrects the entry.

butoFormat   A Word feature that automatically applies paragraph and font styles to text as you type.

arowser   A program that displays Web pages.

balignment   The position of paragraphs between the margins: left, right, centered, or justified.

bauthor   To design and create a Web page.

bAutoComplete   A Word feature tkes basic

balignment   The position of paragraphs between the margins: left, right, centered, or justified.

bauthor   To design and create a Web page.

butoComplete   A Word feature that makes basic assumptions about the text you are typing and automatically corrects theentry.arowserA program that displaysWeb pages.

Index

bch_tx

We can format the text using the property inspector.

bch_ln

1. Select the text titled Main Menu.

2. Click the Edit button on the top menu bar and see the sublist:

bch_lb_a

- Cut
- Copy
- Paste

3. Now click the Format Drop down menu and choose Heading 3.

4. Now, choose the remaining text and make this a bulleted list by clicking he button on the Property Inspector.

frame and enter the following text:

bch_lu

Welcome to Collegiate Apparel Online

Now format the text by using the property inspector:.

bch_ln

1. Center the text.

2. Click the Edit button on the top menu bar and see the sublist:

bch_ln_a

1. Cut
2. Copy
3. Paste

3. Change the font by selecting the font selector as shown in figure 1.18.

This text emphasizes the professional development of serious wen pages for e-commerce, intranet, and extanet applications. There are three basic themes included in the text: Reusability, Usability, and Interactivity.

Any professional systems analyst will agree that developing code that is reusable is the cornerstone of efficient systems development. This text emphasized reusing not only HTML code, but other elements that go into the wen page as well such as graphic and other media types.

A web page that is hard to follow and navigate simply won't be used. Therefore, usability and web interface design will be a paramount themes in this text.

Finally the web is an interactive medium, placing flat text file son the web does not exploit its full power. Therefore, we will also emphasize the tools and techniques that bring wen pages alive and can be personalized for the end-user.This text emphasizes the professional development of serious wen pages for e-commerce, intranet, and extanet applications. There are three basic themes included in the text: Reusability, Usability, and Interactivity.

Any professional systems analyst will agree that developing code that is reusable is the cornerstone of efficient systems development. This text

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