

building a document structure

Activity #3

begin building the ACME Widgets web page

In this assignment you'll begin building the ACME Widgets Web page. This assignment is different from the previous assignments in that you won't be given code to cut and paste. Instead, you'll need to use the elements discussed in this lesson to add the different content chunks to your page.

Remember to save your Web page in the webdocs folder you set up in the first lesson so that you can easily locate it. Both BBEdit and HomeSite allow you to launch a Web browser from within the editor itself, so you can quickly and easily view your HTML in a Web browser. Regardless of what text editor you're using to build your Web page, you can always launch your Web browser and then locate your HTML page for viewing by choosing File > Open > Browse.

1. Open a new document in your text editor.
2. Use the `<html> ... </html>`, `<head> ... </head>`, `<title> ... </title>`, and `<body> ... </body>` tags to build a basic document structure like the one shown on the last page of the lesson.

Both HomeSite and BBEdit will build this document structure for you automatically. If you are using HomeSite as your text editor, choose New from the File Menu and select the Default Template from the New Document window and click OK. If you are using BBEdit select File > New > HTML Page.

3. Give the document the title "The Widget Factory: Manufacturers of Fine Quality Widgets."

TIP

The document title always resides between the `<title>...</title>` tags in the document header and doesn't show up in the Web browser window when you look at your document.

4. Save the document in your webdocs folder as `widgets_1.html`.
5. Use the heading tags (`<h1> ... </h1>`, `<h2> ... </h2>`, etc.) to add the following headings to your document. The final display of these headings in a Web browser should be similar to Figure 3-4:
 - first level heading: Welcome to the Widget Factory
 - second level heading: Quality Widgets at Affordable Prices
 - second level heading: What Our Customers Have to Say
 - second level heading: Order Your Widgets Today
 - third level heading: Catalog Shopping
 - third level heading: The Widget Factory Online Store
 - third level heading: Meet Your Local Sales Representative
 - second level heading: Contact Us



Figure 3-4: The ACME Widgets Web page with headings added.

6. As you add elements and content to your page be sure that you:
 - Place the headings and your entire document content between the `<body>...</body>` tags you created in the first portion of the assignment.
 - Close every tag that you open.
7. Use the `align=` attribute to center the "Welcome to the Widget Factory" first level heading.
8. Save your changes to the document.
9. Launch your Web browser and open `webdocs/widgets_1.html` to view your document.
10. Add the following text immediately after the Welcome to the Widget Factory first level heading and mark it as a paragraph:

Home of the Wonder Widget

11. Use the `align=` attribute to center the paragraph.
12. Add the following text immediately after the Quality Widgets at Affordable Prices second level heading and mark it as a paragraph:

The Widget Factory is your one-stop shopping resource for high quality widgets at affordable prices. At the Widget Factory we understand that widgets are an integral part of your company's every day operations. We also understand that you can't spend all of your resources on widgets. It is our goal to provide you with the widgets you need at a price you can afford.

TIP

You can cut and past text from this assignment page into your HTML document and then add your start and end tags to it.

13. Add the following two text blocks immediately after the "What Our Customers Have to Say" second level heading and mark each as a separate paragraph:

"The Widget Factory has provided my organization with widgets for the last ten years. Their widgets are of the highest quality, shipments are always on time, and their prices are unbeatable. Without the Widget Factory my organization wouldn't be where it is today." – Bill Gates, Microsoft Corporation "The Widget Factory has supplied us with our widgets since day one. Their sales representatives are professional and easy to work with and their products are great. My company has had its ups and downs, but through it all, the Widget Factory has always been a consistent source of widgets that I can count on." – Steve Jobs, Apple Computing

14. Add a line break before each quote attribution (– Bill Gates, Microsoft Corporation and – Steve Jobs, Apple Computing) to force each to sit on the line immediately following each quotation.
15. Add the following text block immediately after the "Order Your Widgets Today" second level heading and mark the entire block as a single paragraph:

In addition to providing quality widgets at reasonable prices we want to make it as easy as possible for you to order and receive your widgets. You can browse our widget selections and place your order in one of three different ways: In our catalog In the Widget Factory Online Store With the help of your local widget sales representative

16. Add line breaks to the paragraph so the phrases "In our catalog", "In the Widget Factory Online Store", and "With the help of your local widget sales representative" each sit on a separate line in the paragraph.
17. Add the following text block immediately after the "The Widget Factory Online Store" third level heading and mark it as a paragraph:

In our online store you can browse our entire collection of widgets, see pricing information, and purchase the widgets you need with a click of a button. The online store is secure and uses the most up-to-date Internet and Web technologies available to ensure that your transactions with our site are protected. Visit the Widget Factory Online Store to shop for and buy the widgets you need today.

18. Add the following text block after the Contact Us second level heading:

Copyright 2000 The Widget Factory

19. Use the **align=** attribute to center the paragraph.
20. Use the copyright symbol character entity **©** to place a copyright symbol between "Copyright" and "2000."
21. Save your changes to the document.
22. Launch your Web browser and open webdocs/widgets_1.html to view your document.
23. Place a hard rule (**<hr>**) after the "Home of the WonderWidget" paragraph.
24. Place a hard rule after the "Contact Us" second level heading but before the copyright statement.
25. Save your changes to the document.
26. Launch your Web browser and open webdocs/widgets_1.html to view your document.

When you are done with this exercise your Web document should look something like the Web page displayed in Figure 3-5.



Figure 3-5: The ACME Widgets Web page with content added.