

Practice the skills you learned in the tutorial using the same case scenario.

**Data File needed for the Review Assignments: logo.jpg**

Dave has found a host for his Web page and has published the document you helped him create on the Internet. He wants to start adding more pages to his Web site. He's come to you for help in creating a page describing his basic stick. He's already written the text for the Web page; he needs you to translate that text into HTML code. Figure 1-42 shows a preview of the page you'll create for Dave.

Figure 1-42



## The Basic Stick

The Basic Stick is the perfect stick for beginners. The stick rotates slowly to provide extra time for performing stick tricks, but is flashy enough to impress your friends.

**Patented Dura-Coat<sup>®</sup> finish** ensures sticks can withstand all weather conditions. More durable than other sticks, these props will keep looking like new for as long as you own them.

**Enhanced stick flexibility** provides more bounce, allowing for better tricks. A soft rubber core adds a whole new element to the sticking experience that you have to feel to believe!

**Full customization** will give you the chance to own a pair of sticks unlike any others out there. I make exactly what you want, with your colors and your designs.

**A personal touch** through both my customization options and hand-crafted designs.

## Specifications

- Main Stick
  - Weight: 7 oz.
  - Length: 24 inches
  - Tape: Dura-Coat<sup>®</sup> finish with laser-style color choices
- Handle Sticks (one pair)
  - Weight: 2 oz.
  - Length: 18 inches
  - Tape: Soft ivory tape with rubber core

*Dave's Devil Sticks ♦ 541 West Highland Dr. ♦ Auburn, ME 04210 ♦ (207) 555 - 9001*

Complete the following:

1. Use your text editor to create a new file named **basic.htm**, and save it in the tutorial.01\review folder included with your Data Files.
2. Within the basic.htm file, insert the structure of the HTML file, including the head and body sections.
3. Within the head section, insert a comment containing  
**Dave's Devil Sticks**  
**Basic Stick**  
**Author: your name**  
**Date: the date**  
where *your name* is your name and *the date* is the current date.

4. Add the page title **Basic Sticks** to the head section.
5. Within the body section, insert an h1 heading centered horizontally on the page and containing the inline image file **logo.jpg**, located in the tutorial.01\review folder included with your Data Files. Specify the following alternate text for the image:  
**Dave's Devil Sticks: The Basic Stick.**
6. Add two h2 headings containing the text **The Basic Stick** and **Specifications**. Set the font color of the heading 2 text to red.
7. Directly below the first h2 heading, insert a paragraph containing the text: **The Basic Stick is the perfect stick for beginners. The stick rotates slowly to provide extra time for performing stick tricks, but is flashy enough to impress your friends.**
8. Directly below the paragraph but above the second h2 heading, insert a block quote that contains the following:
  - a. Place a horizontal rule at the top and the bottom of the block quote.
  - b. Between the two horizontal rules, insert the following four paragraphs:

**Patented Dura-Coat finish ensures sticks can withstand all weather conditions. More durable than other sticks, these props will keep looking like new for as long as you own them.**

**Enhanced stick flexibility provides more bounce, allowing for better tricks. A soft rubber core adds a whole new element to the sticking experience that you have to feel to believe!**

**Full customization will give you the chance to own a pair of sticks unlike any others out there. I make exactly what you want, with your colors and your designs.**

**A personal touch through both my customization options and hand-crafted designs.**
  - c. Change the first few words of each of the four paragraphs to a bold font, as indicated in Figure 1-42.
9. Directly below the second h2 heading, insert an unordered list. The list should contain two items: **Main Stick** and **Handle Sticks (one pair)**.
10. Directly below the Main Stick list item, insert an unordered list containing the following items:

**Weight: 7 oz.**

**Length: 24 inches**

**Tape: Dura-Coat finish with laser-style color choices**
11. Directly below the Handle Sticks (one pair) list item, insert an unordered list containing:

**Weight: 2 oz.**

**Length: 18 inches**

**Tape: Soft ivory tape with rubber core**
12. Locate the two occurrences of "Dura-Coat" in the document. Directly after the word "Dura-Coat," insert the registered trademark symbol ®. The character entity name of the ® symbol is "reg." Display the ® symbol as a superscript by placing the character within the sup inline element.
13. At the bottom of the body section, insert the company's address:

**Dave's Devil Sticks**  
**541 West Highland Dr.**  
**Auburn, ME 04210**  
**(207) 555 - 9001**



Apply your knowledge of HTML to create a page showing text from a scene of a Shakespeare play.

### Data Files needed for this Case Problem: macbeth.jpg

**Mansfield Classical Theatre** Steve Karls is the director of Mansfield Classical Theatre, a theatre company for young people located in Mansfield, Ohio. This summer the company is planning to perform the Shakespeare play *Macbeth*. Steve wants to put the text of the play on the company's Web site and has asked for your help in designing and completing the Web page. Steve wants to have a separate page for each scene from the play. A preview of the page you'll create for Act I, Scene 1 is shown in Figure 1-44. Steve has already typed the text of the scene. He needs you to supply the HTML code.

Complete the following:

1. Open the **macbeth.txt** file from the tutorial.01\case2 folder included with your Data Files. Save the file as **macbeth.htm** in the same folder.
2. Enclose the entire Macbeth text within the structure of an HTML document.
3. Within the head section, insert a comment containing the following text:

**Macbeth: Act I, Scene 1**

**Author: your name**

**Date: the date**

4. Add the page title **Macbeth: Act I, Scene 1** to the head section.
5. Directly below the opening `<body>` tag, insert an h1 heading containing the inline image file **macbeth.jpg** (located in the tutorial.01\case2 folder included with your Data Files) with **Macbeth** as the alternate text for nonvisual browsers. Add a horizontal rule directly below the h1 heading.
6. Mark the text "ACT I" as an h2 heading. Mark "SCENE 1." as an h3 heading.

#### EXPLORE

7. Mark the summary of the scene as a paragraph. Display the word "Summary" in bold.
8. In the text of the play, mark the descriptions of setting, scene, and exits as separate paragraphs, and italicize the text, as shown in Figure 1-44.
9. Mark the dialog as a definition list, with each character's name marked as a definition term and each speech marked as a definition description. Where the speech goes over one line, use a line break to keep the speech on separate lines, as shown in the figure.
10. Directly below the Exeunt paragraph, insert the line **Go to Scene 2**. Mark this line as a div element and align it with the right page margin. (Steve will mark this as a link later.) At the end of the line, insert a right arrow character using the 8658 character number. Add horizontal rules directly above and below this statement.

#### EXPLORE

11. Mark the line "Text provided by Online Shakespeare" as a paragraph, with the text itself marked with the cite element. Align the text with the right page margin.
12. Save your changes to the file, and then confirm the layout and content of the page in your Web browser.
13. Submit the completed files to your instructor.



## ACT I

### SCENE 1.

**Summary** A thunderstorm approaches and three witches convene. They agree to confront the great Scot general Macbeth upon his victorious return from a war between Scotland and Norway. Soon, heroic Macbeth will receive the title of Thane of Cawdor from King Duncan. However, Macbeth learns from the witches that he is fated for greater things and he will be led down to the path of destruction by his unquenchable ambition.

*A desert place.*

*Thunder and lightning. Enter three Witches.*

First Witch

When shall we three meet again  
In thunder, lightning, or in rain?

Second Witch

When the hurlyburly's done,  
When the battle's lost and won.

Third Witch

That will be ere the set of sun.

First Witch

Where the place?

Second Witch

Upon the heath.

Third Witch

There to meet with Macbeth.

First Witch

I come, Graymalkin!

Second Witch

Paddock calls.

Third Witch

Anon.

ALL

Fair is foul, and foul is fair:  
Hover through the fog and filthy air.

*Exeunt*

[Go to Scene 2 ⇒](#)

*Text provided by Online Shakespeare*



Test your knowledge of HTML and use your creativity to design a Web page for an exercise equipment company.

**Data Files needed for this Case Problem:** logo.jpg, smith.jpg,

**Body Systems** Body Systems is a leading manufacturer of home gyms. The company recently hired you to assist in developing its Web site. Your first task is to create a Web page for the LSM400, a popular weight machine sold by the company. You've been given a text file describing the features of the LSM400. You've also received two image files: one of the company's logo and one of the LSM400. You are free to supplement these files with any other resources available to you. You are responsible for the page's content and appearance.

Complete the following:

1. Create a new HTML file named **smith.htm** and save it in the tutorial.01\case4 folder included with your Data Files.
2. Add a comment to the head section of the document describing the document's content and containing your name and the date.
3. Add an appropriate page title to the document.
4. Use the contents of the **smith.txt** document (located in the tutorial.01\case4 folder) as the basis of the text in the Web page. Include at least one example of each of the following:
  - a heading
  - a paragraph
  - an ordered or unordered list
  - an inline element
  - an inline image
  - a horizontal rule
  - a special character
  - an element attribute
5. Structure your HTML code so that it will be easy for others to read and understand.
6. Save your changes to the file, and then open it in your Web browser to verify that it is readable and attractive.
7. Submit your completed files to your instructor.

## Body Systems

### Body Systems LSM400 Linear Smith Machine



#### Overview

Linear Smith Machines are the ultimate in weight machines and the LSM400 leads the field. Designed for both serious fitness users and beginners, the LSM400's vertical design provides all of the safety and control associated with Smith Machines, while still allowing for the effective use of gravity for effective resistance. You don't even need a workout partner. Lock points can be set to prevent the bar from movement outside of your body's natural range of motion.

You can tailor the LSM400 to meet your specific workout needs. Start with the basic package of the Smith Machine rack and, as your needs grow, add a lat/row, pec dec, plate tree, dip, and accessory organizer. Accessories are easy to insert and remove, allowing you to continue your workout without delay. The LSM400 works with all standard Olympic weight plates.

The LSM400 is compact with all components placed one side of the unit for easy access. This makes the LSM400 perfect for people who want a quality home gym, but do not have a lot of space. Place the LSM400 against a wall and you're ready to go!

#### Features

- **Smooth Smith Action:**  
The bar (rated at 800 lb. capacity) slides on Teflon bushings alongside solid steel guide rods. Smooth motion is key to successful workouts, as the target muscles are utilized to their full potential with each repetition.
- **Proper Angle:**  
The bar travels along a 7 degree path from vertical. Studies have shown that this is the proper lifting angle to increase your comfort and prevent injury.
- **Safety:**  
The LSM400 has 20 lock-out points for a safe, solid stop at any point in your workout routine.
- **Rugged:**  
Constructed with heavy 12 gauge steel and 7 gauge reinforcing plate. This is a unit built to last.
- **Warranty:**  
Every part of the LSM400 has a lifetime guarantee. We will replace or repair anything that goes wrong.

#### Dimensions

Width: 85"  
Height: 82"  
Depth: 72"

#### Optional Attachments

Selectorized Lat/Row station (Part: MA831-4)  
Pec Dec station (Part: MA218-6)  
Dip station (Part: MA105-3)  
Plate tree (Part: MA488-0)  
Accessory organizer (MA212-1)  
Workout DVD (MA051-1)  
Workout poster (MA055-3)