# Unit 1—HTML Basics

# Lesson 1—Quick HTML Know-How

Step-by-Step Exercises

## Step-by-Step 1.1

Answers will vary.

## Step-by-Step 1.2 and 1.3

<html>

<title>**HTML and JavaScript**</title>

<body>

<center>**Creating HTML and JavaScript**</center>

<p>**Learning to create HTML tags can help you in many ways:** </p>

<p>**You will develop a deeper understanding of how HTML really works.** </p>

<p>**You will be able to troubleshoot Web pages when errors occur.** </p>

<p>**You will be able to view other pages and learn how certain effects were created.** </p>

<p>**You will understand how HTML and JavaScript work together.** </p>

</body>

</html>

## Step-by-Step 1.4

<html>

<title>HTML and JavaScript</title>

<body>

<center>**<h1>**Creating HTML and JavaScript**</h1>**</center>

<p>**<h2>**Learning to create HTML tags can help you in many ways: **</h2>**</p>

<p>**<h3>**You will develop a deeper understanding of how HTML really works. **</h3>**</p>

<p>**<h4>**You will be able to troubleshoot Web pages when errors occur. **</h4>**</p>

<p>**<h5>**You will be able to view other pages and learn how certain effects were created. **</h5>**</p>

<p>**<h6>**You will understand how HTML and JavaScript work together. **</h6>**</p>

</body>

</html>

## Step-by-Step 1.5

<html>

<title>HTML and JavaScript</title>

<body>

<center><h1>Creating HTML and JavaScript</h1></center>

<p><h2>Learning to create HTML tags can help you in many ways: </h2></p>

**<ul>**

**<li>**<h3>You will develop a deeper understanding of how HTML really works.

</h3>**</li>**

**<li>**<h3>You will be able to troubleshoot Web pages when errors occur.

</h3>**</li>**

**<li>**<h3>You will be able to view other pages and learn how certain effects were

created. </h3>**</li>**

**<li>**<h3>You will understand how HTML and JavaScript work together.

</h3>**</li>**

**</ul>**

</body>

</html>

four.html

<html>

<title>HTML and JavaScript</title>

<body>

<center><h1>Creating HTML and JavaScript</h1></center>

<p><h2>Learning to create HTML tags can help you in many ways: </h2></p>

**<ol>**

<li><h3>You will develop a deeper understanding of how HTML really works.

</h3></li>

<li><h3>You will be able to troubleshoot Web pages when errors occur.

</h3></li>

<li><h3>You will be able to view other pages and learn how certain effects were created.

</h3></li>

<li><h3>You will understand how HTML and JavaScript work together.

</h3></li>

**</ol>**

</body>

</html>

five.html

<html>

<title>HTML and JavaScript</title>

<body>

<center><h1>Creating HTML and JavaScript</h1></center>

<p><h2>Learning to create HTML tags can help you in many ways: </h2></p>

<ol>

<li><h3>You will develop a deeper understanding of how HTML really works.

</h3></li>

**<ul>**

<li><h3>You will be able to troubleshoot Web pages when errors occur. </h3></li>

**<ul>**

<li><h3>You will be able to view other pages and learn how certain effects were created.

</h3></li>

**</ul>**

**</ul>**

<li><h3>You will understand how HTML and JavaScript work together.

</h3></li>

</ol>

</body>

</html>

</html>

Review Questions

## True/False

1. T

2. F

3. T

4. F

5. T

6. F

7. F

8. T

9. F

10. F

## Fill in the Blank

1. unordered

2. ordered

3. extensions

4. Mosaic

5. tags

6. <html>

7. <body></body>

8. Landing

## Written Questions

1. Answers will vary based on the creativity of the student. They should talk about angle brackets and open and close tags. Also, that the tags don’t appear, only words between tags. But students do a better job than teachers sometimes making seemingly difficult tasks make sense to their peers.

2. To view the HML source code for an HTML Web page, Firefox users click View on the menu bar and then click Page Source. Internet Explorer users click the Page button on the toolbar, then click View Source, or if you have unlocked the Menu Bar, click View on the menu bar, then click Source.

3. Save HTML text pages as text files with a .html or htm extension.

4. File extensions tell the operating system what the file type is and what applications may open them.

5. Answers will vary.

Projects

## Project 1-1

Answers will vary. Have students compare the sites they find and delete the bad or mediocre sites and keep a fresh list of powerful learning sites.

## Project 1-2

Answers will vary. Have students defend their picks. Get a debate going.

## Project 1-3

Answers will vary. Have students explain their answers with their peers.

Critical Thinking Activities

## Activity 1-1

Solutions will vary.

## Activity 1-2

Change the last </UL> tag to a close </OL> tag. The end result will look like:

1. Item A
   * Item A1
   * Item A2
2. Item B
   * Item B1

Item B2

## Activity 1-3

Solutions will vary.

Capstone Simulation

A clue is found in Activity 1-2. There are a variety of solutions for the creative student. Here is one way to do it.

<h1><center>Main Heading</center></h1>

<ol>

<li>Unit 1</li>

<ol>

<li>Chapter 1</li>

<ul>

<li>Section A</li>

<li>Section B</li>

<li>Section C</li>

</ul>

<li>Chapter 2</li>

<ul>

<li>Section A</li>

<li>Section B</li>

<li>Section C</li>

</ul>

<li>Chapter 3</li>

<ul>

<li>Section A</li>

<li>Section B</li>

<li>Section C</li>

</ul>

</ol>

<li>Unit 2</li>

<ol>

<li>Chapter 4</li>

<ul>

<li>Section A</li>

<li>Section B</li>

<li>Section C</li>

</ul>

<li>Chapter 5</li>

<ul>

<li>Section A</li>

<li>Section B</li>

<li>Section C</li>

</ul>

<li>Chapter 6</li>

<ul>

<li>Section A</li>

<li>Section B</li>

<li>Section C</li>

</ul>

</ol>

</ol>