# Unit 1—HTML Basics

# Lesson 2—Basic Organization Techniques

Step-by-Step Exercises

## Step-by-Step 2.1

Six.html

**<html>**

**<head>**

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

**</head>**

**<body>**

**<h1 style="text-align:center">Organizing Tags</h1>**

**There are many ways to organize a Web page. This Web page will organize text, hypertext links, colors and fonts. You’ll also demonstrate single spacing, double spacing, and the use of line breaks.**

**This Web page will display how to organize Web pages in a number of ways using:**

**Powerful Lines**

**Hyperlinks to HTML, XHTML and JavaScript Sources**

**Hyperlinks to Previously Created Web Pages**

**Fancy Fonts**

**Perfect Pictures**

**Orderly Tables**

**Extraordinary Extras**

**</body>**

**</html>**

Seven.html

<html>

<head>

<title>HTML and JavaScript</title>

</head>

<body>

<h1 style="text-align:center">Organizing Tags</h1>

**<p>**There are many ways to organize a Web page. This Web page will organize text, hypertext links, colors and fonts. You’ll also demonstrate single spacing, double spacing, and the use of line breaks. **</p>**

**<p>**This Web page will display how to organize Web pages in a number of ways using: **</p>**

Powerful Lines **<br />**

Hyperlinks to HTML, XHTML and JavaScript Sources **<br />**

Hyperlinks to Previously Created Web Pages **<br />**

Fancy Fonts **<br />**

Perfect Pictures **<br />**

Orderly Tables **<br />**

Extraordinary Extras **<br />**

</body>

</html>

## Step-by-Step 2.2

Eight.html

<html>

<head>

<title>HTML and JavaScript</title>

</head>

<body **style="background-color:yellow"**>

<h1 style="text-align:center">Organizing Tags</h1>

**<p>**There are many ways to organize a Web page. This Web page will organize text, hypertext links, colors and fonts. You’ll also demonstrate single spacing, double spacing, and the use of line breaks. **</p>**

**<p>**This Web page will display how to organize Web pages in a number of ways using: **</p>**

Powerful Lines **<br />**

Hyperlinks to HTML, XHTML and JavaScript Sources **<br />**

Hyperlinks to Previously Created Web Pages **<br />**

Fancy Fonts **<br />**

Perfect Pictures **<br />**

Orderly Tables **<br />**

Extraordinary Extras **<br />**

</body>

</html>

Nine.html

<html>

<head>

<title>HTML and JavaScript</title>

</head>

<body style="background-color:yellow">

<h1 style="text-align:center">Organizing Tags</h1>

<p>There are many ways to organize a Web page. This Web page will

organize text, hypertext links, colors and fonts. You’ll also demonstrate

single spacing, double spacing, and the use of line breaks. </p>

<p>This Web page will display how to organize Web pages in a number of

ways using: </p>

Powerful Lines <br />

Hyperlinks to HTML, XHTML and JavaScript Sources <br />

Hyperlinks to Previously Created Web Pages <br />

Fancy Fonts <br />

Perfect Pictures <br />

Orderly Tables <br />

Extraordinary Extras <br />

<hr />

<h2>Powerful Lines</h2>

A Horizontal Rule that is 10 pixels high.

<hr style="height:10px" />

A Horizontal Rule 30 pixels high.

<hr style="height:30px" />

A Horizontal Rule width set at 50%.

<hr style="width:50%" />

A Horizontal Rule width set at 25% and height set at 20 pixels.

<hr style="width:25%;height:20px" />

A Horizontal Rule without attributes and values.

<hr />

</body>

</html>

## Step-by-Step 2.3

Ten.html

<html>

<head>

<title>HTML and JavaScript</title>

</head>

<body style="background-color:#E6E6FA">

<h1 style="text-align:center">Organizing Tags</h1>

<p>There are many ways to organize a Web page. This Web page will organize text, hypertext links, colors and fonts. You’ll also demonstrate single spacing, double spacing, and the use of line breaks. </p>

<p>This Web page will display how to organize Web pages in a number of ways using: </p>

**<a href="#powerful">**Powerful Lines**</a><br />**

Hyperlinks to HTML, XHTML and JavaScript Sources <br />

Hyperlinks to Previously Created Web Pages <br />

Fancy Fonts <br />

Perfect Pictures <br />

Orderly Tables <br />

Extraordinary Extras <br />

<hr />

<h2>**<a name="powerful">**Powerful Lines**</a>**</h2>

A Horizontal Rule that is 10 pixels high.

<hr style="height:10px" />

A Horizontal Rule 30 pixels high.

<hr style="height:30px" />

A Horizontal Rule width set at 50%.

<hr style="width:50%" />

A Horizontal Rule width set at 25% and height set at 20 pixels.

<hr style="width:25%;height:20px" />

A Horizontal Rule without attributes and values.

<hr />

</body>

</html>

## Step-by-Step 2.4

Eleven.html

<html>

<head>

<title>HTML and JavaScript</title>

</head>

<body style="background-color:#E6E6FA">

<h1 style="text-align:center">Organizing Tags</h1>

<p>There are many ways to organize a Web page. This Web page will organize text, hypertext links, colors and fonts. You’ll also demonstrate single spacing, double spacing, and the use of line breaks. </p>

<p>This Web page will display how to organize Web pages in a number of ways using: </p>

**<a href="#powerful">**Powerful Lines**</a>**<br />

**<a href="#hyperlinks">**Hyperlinks to HTML, XHTML and JavaScript Sources**</a>**<br />

Hyperlinks to Previously Created Web Pages <br />

Fancy Fonts <br />

Perfect Pictures <br />

Orderly Tables <br />

Extraordinary Extras <br />

<hr />

<h2>**<a name="powerful">**Powerful Lines**</a>**</h2>

A Horizontal Rule that is 10 pixels high.

<hr style="height:10px" />

A Horizontal Rule 30 pixels high.

<hr style="height:30px" />

A Horizontal Rule width set at 50%.

<hr style="width:50%" />

A Horizontal Rule width set at 25% and height set at 20 pixels.

<hr style="width:25%;height:20px" />

A Horizontal Rule without attributes and values.

<hr />

**<h2><a name="hyperlinks">Hyperlinks to HTML, XHTML and JavaScript Sources </a></h2>**

**<a href="http://www.microsoft.com">Microsoft</a><br />**

**<a href="http://sites.google.com">Google</a><br />**

**<a href="http://www.mozilla.org">Mozilla</a><br />**

**<a href="http://www.facebook.com">Facebook</a><br />**

**<a href="http://www.w3.org">W3</a><br />**

**<a href="http://www.wikipedia.org">Wikipedia</a><br />**

**<hr />**

</body>

</html>

## Step-by-Step 2.5

Twelve.html

<html>

<head>

<title>HTML and JavaScript</title>

</head>

<body style="background-color:#E6E6FA">

<h1 style="text-align:center">Organizing Tags</h1>

<p>There are many ways to organize a Web page. This Web page will organize text, hypertext links, colors and fonts. You’ll also demonstrate single spacing, double spacing, and the use of line breaks. </p>

<p>This Web page will display how to organize Web pages in a number of ways using: </p>

<a href="#powerful">Powerful Lines</a><br />

<a href="#hyperlinks">Hyperlinks to HTML, XHTML and JavaScript Sources</a><br />

**<a href="#previous">**Hyperlinks to Previously Created Web Pages**</a><br />**

Fancy Fonts <br />

Perfect Pictures <br />

Orderly Tables <br />

Extraordinary Extras <br />

<hr />

<h2><a name="powerful">Powerful Lines</a></h2>

A Horizontal Rule that is 10 pixels high.

<hr style="height:10px" />

A Horizontal Rule 30 pixels high.

<hr style="height:30px" />

A Horizontal Rule width set at 50%.

<hr style="width:50%" />

A Horizontal Rule width set at 25% and height set at 20 pixels.

<hr style="width:25%;height:20px" />

A Horizontal Rule without attributes and values.

<hr />

<h2><a name="hyperlinks">Hyperlinks to HTML, XHTML and JavaScript Sources </a></h2>

<a href="http://www.microsoft.com">Microsoft</a><br />

<a href="http://sites.google.com">Google</a><br />

<a href="http://www.mozilla.org">Mozilla</a><br />

<a href="http://www.facebook.com">Facebook</a><br />

<a href="http://www.w3.org">W3</a><br />

<a href="http://www.wikipedia.org">Wikipedia</a><br />

<hr />

**<h2><a name="previous"> Hyperlinks to Previously Created Web Pages</a></h2>**

**<a href="one.html">One</a><br />**

**<a href="two.html">Two</a><br />**

**<a href="three.html">Three</a><br />**

**<a href="four.html">Four</a><br />**

**<a href="five.html">Five</a><br />**

**<a href="six.html">Six</a><br />**

**<a href="seven.html">Seven</a><br />**

**<a href="eight.html">Eight</a><br />**

**<a href="nine.html">Nine</a><br />**

**<a href="ten.html">Ten</a><br />**

**<a href="eleven.html">Eleven</a><br />**

**<hr />**

</body>

</html>

## Step-by-Step 2.6

Thirteen.html

<html>

<head>

<title>HTML and JavaScript</title>

**<style type="text/css">**

**h1 {color:Red}**

**h2 {color:Blue}**

**p {color:Green}**

**</style>**

</head>

<body style="background-color:#E6E6FA">

<h1 style="text-align:center">Organizing Tags</h1>

<p>There are many ways to organize a Web page. This Web page will organize text, hypertext links, colors and fonts. You’ll also demonstrate single spacing, double spacing, and the use of line breaks. </p>

<p>This Web page will display how to organize Web pages in a number of ways using: </p>

<a href="#powerful">Powerful Lines</a><br />

<a href="#hyperlinks">Hyperlinks to HTML, XHTML and JavaScript Sources</a><br />

**<a href="#previous">**Hyperlinks to Previously Created Web Pages**</a><br />**

Fancy Fonts <br />

Perfect Pictures <br />

Orderly Tables <br />

Extraordinary Extras <br />

<hr />

<h2><a name="powerful">Powerful Lines</a></h2>

A Horizontal Rule that is 10 pixels high.

<hr style="height:10px" />

A Horizontal Rule 30 pixels high.

<hr style="height:30px" />

A Horizontal Rule width set at 50%.

<hr style="width:50%" />

A Horizontal Rule width set at 25% and height set at 20 pixels.

<hr style="width:25%;height:20px" />

A Horizontal Rule without attributes and values.

<hr />

<h2><a name="hyperlinks">Hyperlinks to HTML, XHTML and JavaScript Sources </a></h2>

<a href="http://www.microsoft.com">Microsoft</a><br />

<a href="http://sites.google.com">Google</a><br />

<a href="http://www.mozilla.org">Mozilla</a><br />

<a href="http://www.facebook.com">Facebook</a><br />

<a href="http://www.w3.org">W3</a><br />

<a href="http://www.wikipedia.org">Wikipedia</a><br />

<hr />

**<h2><a name="previous"> Hyperlinks to Previously Created Web Pages</a></h2>**

**<a href="one.html">One</a><br />**

**<a href="two.html">Two</a><br />**

**<a href="three.html">Three</a><br />**

**<a href="four.html">Four</a><br />**

**<a href="five.html">Five</a><br />**

**<a href="six.html">Six</a><br />**

**<a href="seven.html">Seven</a><br />**

**<a href="eight.html">Eight</a><br />**

**<a href="nine.html">Nine</a><br />**

**<a href="ten.html">Ten</a><br />**

**<a href="eleven.html">Eleven</a><br />**

**<hr />**

</body>

</html>

Review Questions

## True/False

1. F

2. F

3. F

4. T

5. T

6. F

7. F

8. T

9. F

10. F

## Fill in the Blank

1. <hr />

2. double

3. protocol

4. hexadecimal

5. style

## Written Questions

1. An example how color styles can be defined using CSS for the h1, h2, and p tags is:

<html>

<head>

<title>HTML and JavaScript</title>

<style type="text/css">

h1 {color:Red}

h2 {color:Blue}

p {color:Green}

</style>

</head>

2. The hexadecimal value that will create the color yellow is #FFFF00.

3. Tags that don’t use a separate closing tag but use a closing slash are <br /> and <hr />.

4. Three common errors that can be made when created Web pages are:

* Make sure all your angle brackets < > are facing in the proper direction
* Often, Web page writers misuse the shift key when making angle brackets or creating a slash. This results in a comma, a period, or a question mark where the slash or angle brackets should appear.
* If all the defined text doesn’t change, make sure your CSS definitions appear between the <head></head>.
* If you want a double space instead of a single space, use a <p></p> tag instead of a <br /> tag.
* Check all of your tags to make sure they are closed properly, like <hr />. In another example, if bullets appear long after a list, perhaps you forgot the close unordered list tag </UL>.

5. There are different versions of HTML, XHTML, or CSS because improvements are constantly being made. After enough changes have been proposed and approved, a standards committee will certify a new version of the standards that all browsers must understand.

Projects

## Project 2-1

Answers will vary.

## Project 2-2

Answers will vary.

## Project 2-3

Answers will vary.

## Project 2-4

Answers will vary but each student’s list should include bookmarked links to [www.w3.org](http://www.w3.org) at a minimum. If students don’t find this resource on their own though the discover process, take them to this site and review the aids and standards definitions found there.

Critical Thinking Activities

## Activity 2-1

Answers will vary. A sample is below:

<a name="top">Organizing Tags</a>

<a href="#top">To Top of Page</a>

## Activity 2-2

Answers will vary. A sample is below:

h1 {color:#FF0000}

h2 {color:#00FF00}

p {color:#0000FF}

## Activity 2-3

<a href="twelve.html">Twelve</a><br />

Capstone Simulation

Answers will vary. A sample is below:

<html>

<head>

<title>Favorite Sites</title>

</head>

<body>

<h2> Hyperlinks to my Favorite Sites</h1>

<ol>

<li> <a href="http://www.microsoft.com">Microsoft</a></li>

<li><a href="http://sites.google.com">Google</a></li>

<li><a href="http://www.mozilla.org">Mozilla</a></li>

<li><a href="http://www.facebook.com">Facebook</a></li>

<li><a href="http://www.w3.org">W3</a></li>

<li><a href="http://www.wikipedia.org">Wikipedia</a></li>

<li><a href="http://www.apple.com">Apple</a></li>

<li><a href="http://www.Oracle.com">Oracle</a></li>

<li><a href="http://www.technonerd.info">TechnoNerd</a></li>

<li><a href="http://www.karlbarksdale.com">Author Site</a></li>

</ol>

</body>

</html>

</ol>