

Build a basic HTML file and test it in the browser.

Copy the **project1.htm** file from the Chapter01 folder provided with your Data Files to the Chapter01 folder in your work folder. (Create the Chapter01 folder, if necessary.)

In your HTML editor, open **project1.htm** and examine the code. Notice that only the basic HTML elements are included to create the head and body sections of the document.

```
<!DOCTYPE html>
<html>
```

```
<head>
</head>
```

```
<body>
</body>
```

```
</html>
```

Add the <title> element with a title for your document and a <meta> element that defines the document type as shown in color in the following code.

```
<!DOCTYPE html>
<html>
<head>
<title>Web Page Project 1</title>
<meta http-equiv="Content-Type" content="text/html;
charset=UTF-8">
</head>
<body>
</body>
</html>
```

Add an <h1> element with a heading for the document. The <h1> element must be contained within the <body> element.

```
<!DOCTYPE html>
<html>
<head>
<title>Web Page Project 1</title>
<meta http-equiv="Content-Type" content="text/html;
charset=UTF-8">
</head>
<body>
```

```
<h1>The World Wide Web</h1>
</body>
</html>
```

Save your file and view it in your browser.

Add two paragraphs of content immediately following the <h1> element as shown.

```
<!DOCTYPE html>
<html>
<head>
<title>Web Page Project 1</title>
<meta http-equiv="Content-Type" content="text/html;
charset=UTF-8">
</head>
<body>
<h1>The World Wide Web</h1>
<p>The World Wide Web, abbreviated as WWW and commonly known
as the Web, is a system of interlinked hypertext documents
accessed via the Internet.</p>
<p>With a web browser, one can view web pages that may contain
text, images, videos, and other multimedia and navigate between
them by using hyperlinks.</p>
</body>
</html>
```

Add one more paragraph and a bulleted list as shown.

```
<html>
<head>
<title>Web Page Project 1</title>
<meta http-equiv="Content-Type" content="text/html;
charset=UTF-8">
</head>
<body>
<h1>The World Wide Web</h1>
<p>The World Wide Web, abbreviated as WWW and commonly known
as the Web, is a system of interlinked hypertext documents
accessed via the Internet.</p>

<p>With a web browser, one can view web pages that may contain
text, images, videos, and other multimedia and navigate between
them by using hyperlinks.</p>

<p>There are many different types of web sites, including:</p>
<ul>
<li>Social networking</li>
```

```
<li>Publishing</li>
<li>Wikis</li>
<li>Shopping and catalog</li>
<li>Search portal</li>
</ul>
</body>
</html>
```

Add a comment at the bottom of the page that includes your name as shown. Comments do not appear in the browser window.

```
<html>
<head>
<title>Web Page Project 1</title>
<meta http-equiv="Content-Type" content="text/html;
charset=UTF-8">
</head>
<body>
<h1>The World Wide Web</h1>
<p>The World Wide Web, abbreviated as WWW and commonly known
as the Web, is a system of interlinked hypertext documents
accessed via the Internet.</p>

<p>With a web browser, one can view web pages that may contain
text, images, videos, and other multimedia and navigate between
them by using hyperlinks.</p>

<p>There are many different types of web sites, including:</p>
<ul>
<li>Social networking</li>
<li>Publishing</li>
<li>Wikis</li>
<li>Shopping and catalog</li>
<li>Search portal</li>
</ul>
<!-- Web page project #1 by Your Name -->
</body>
</html>
```

Save your file and view it in your browser.

Add CSS style rules to a basic HTML file and test it in the browser.

Create a copy of the **project1.html** file and rename it **project2.html**.

In an HTML editor, open the **project2.html** file. Change the title to Web Page Project 2. Change the comment at the end of the document to Web page project #2 by Your Name. Save the file.

Open the **project2.html** file in your browser.

Return to the HTML editor and add a <style> element in the <head> section to contain your style rules, as shown in color in the following code. Leave a line or two of white space between the <style> tags to contain the style rules.

```
<html>
<head>
<title>Web Page Project 2</title>
<meta http-equiv="Content-Type" content="text/html;
charset=UTF-8">
<style type="text/css"></style>
</head>
<body>
<h1>The World Wide Web</h1>
<p>The World Wide Web, abbreviated as WWW and commonly known
as the Web, is a system of interlinked hypertext documents
accessed via the Internet.</p>
<p>With a web browser, one can view web pages that may contain
text, images, videos, and other multimedia and navigate between
them by using hyperlinks.</p>
<p>There are many different types of web sites,including:</p>
<ul>
<li>Social networking</li>
<li>Publishing</li>
<li>Wikis</li>
<li>Shopping and catalog</li>
<li>Search portal</li>
</ul>
<!-- Web page project #1 by Your Name -->
</body>
</html>
```

Add a style rule that sets the font-family for the page as shown below. Notice the style rule contains both a specific style (Arial) and a fallback style (sans-serif) in case the user does not have Arial as an installed font.

```
<style type="text/css">
body {font-family: arial, sans-serif;}
</style>
```

Write another style rule that adds a solid thin bottom border to the <h1> heading element.

```
<style type="text/css">
body {font-family: arial, sans-serif;}
h1 {bottom-border: solid thin;}
</style>
```

Save your file and view it in your browser.