

```
h2 { color: #000000;
      font-family: Arial, sans-serif;
      margin: 0px;          }
#floatright { float: none;
              margin: 0px; }
```

Compare Example 2-4 to Example 2-3. The code in Example 2-4 is not perfect, but it does give you an idea of what can be adjusted in the original CSS file for display in mobile devices. This example reduces margins and padding to zero, or almost zero. This greatly reduces the wasted space on the display of a smaller mobile device.

## Do It

1. Locate the new HTML file and CSS file on the book's web site. If you have a web host provider, upload these files (and the .js file) to the host. Try to access the HTML page from your smart phone. You can also try to display the page by using the URL location of the file on the book's web site. Was your test successful? If not, why not? Did the page format properly on your phone? If not, what do you think needs to be adjusted?

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■ **Note** If you don't have a host web site on the Internet, you can also test this CSS file by downloading one of the free mobile emulators available on the web (try [www.download.com](http://www.download.com)). You can also change the link tag in the HTML file to point to the `ajaxdemomobile.css` file instead of the `ajaxdemo.css` file. Then try reducing the size of your browser to simulate a smart phone screen.

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## PHP, HTML, JavaScript, CSS, and Dynamic Web Pages

As a last example of containers (hosts) for PHP programs, let's consider the browser. As you have seen in this chapter, you can use an HTML file to call our PHP program (clicking the button in the previous demonstration). This, as detailed in Chapter 1, will cause the PHP program to execute and the results to be returned to the browser. You could also have your PHP program return HTML code.

**Example 2-5.** Dynamic HTML page created by a PHP program

```
<?php
print "<html>";
print "<head><title>My Program</title></head>";
print "<body>";
print "<h1>Hello World</h1>";
print "</body>";
print "</html>";
?>
```

You could return a complete HTML page (even with JavaScript and links) back to the device (browser) that requested the PHP program to execute. Example 2-5 would create a complete dynamic HTML page from within PHP code. The output created can even contain links to CSS files and embedded CSS tags for formatting. However, I urge caution on embedding CSS tags that depend on the container being a certain size. As the developer, you do not know what type of device will display the result (PC, smart phone, tablet, or pad). It would be better to provide multiple CSS files (as shown previously) to format the output for different devices.