

In EVERY file submitted (except graphics files) you MUST place the following information near the top of the page – use JavaScript or HTML comments depending on the file type. JavaScript comments are // (single line) or /* */ (multi-line) HTML comments use <!-- This is a comment. --> CSS files use only multi-line /* */ comments.

Your Full Name
CIS 114 OL
File Name
Chapter #
Assignment #
Date

Your full name must ALSO appear in the title bar when HTML files are displayed in the browser. Use the <title> element in the document head to do this. 1 point will be deducted for each file missing any of the above information.

Do the following:

- Install the Firefox browser.
<http://www.mozilla.org/>
 - Install Firebug and learn how to use it (see pages 86-89).
<http://getfirebug.com/>
 - Read chapters 1-4 in the Modern JavaScript book. The book's files can be downloaded from the textbook web site or from WebAccess.
1. In chapter 4 update the shopping.html file to add a shipping cost option. Update the shopping.js file so that the shipping cost is added to the order total. Use separate folders for the js and css files.
 2. Write a program box.html that calculates and displays the volume of a box (length, width, and height should be entered by the user). Create a separate JavaScript file box.js. Use the sphere program in chapter 4 as an example. Use separate folders for the js and css files.
 3. Create a program calculator.html that gets the initial investment, interest rate and number of years. The program should calculate and display the future value. Create a separate JavaScript file calculator.js. You can use the shopping program in chapter 4 as an example. Use separate folders for the js and css files. Use the formula
$$F = P * (1 + r)^n$$
where P is the principal, r is the interest rate, and n is the number of years. You must use meaningful variable names.

SUBMIT: Place the three HTML files and the js and css folders in a folder named assign1. Then zip the assign1 folder into a single file assign1.zip and upload it to WebAccess.

Make sure that you include ALL FILES. You should try unzipping your zip file to make sure that all files were correctly included.

An easy way to zip in Windows is to right-click on your file and then choose Send To-> Compressed (zipped) Folder

On a Mac follow these instructions to zip your files:

<http://www.macinstruct.com/node/159>

Upload the assign1.zip file to the upload link in WebAccess by the due date/time.

<http://smccd.mrooms.net>