In EVERY file submitted (except graphics and JSON files) you MUST place the following information at 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 <!-- comments -->. PHP files use programming comments.

> Your Full Name
> Your Email @my.smccd.edu
> CIS 114 OL
> File Name
> 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.

- **Create an assign8 subdirectory in your cis114 directory on the server.csmcis.net server.**
- **Create a kilo subdirectory in the assign8 directory.**
- **Create a stock subdirectory in the assign8 directory.**
- **Create a movie subdirectory in the assign8 directory.**

Use the FileZilla client program to do this.

1. **You will recreate an Android iPhone web application. You must download the Chrome browser if you don't already have it installed.**
   http://www.google.com/chrome/

   Read the first 5 chapters of Jonathan Stark's *Building Android Apps with HTML, CSS, and JavaScript* ebook (link in WebAccess).
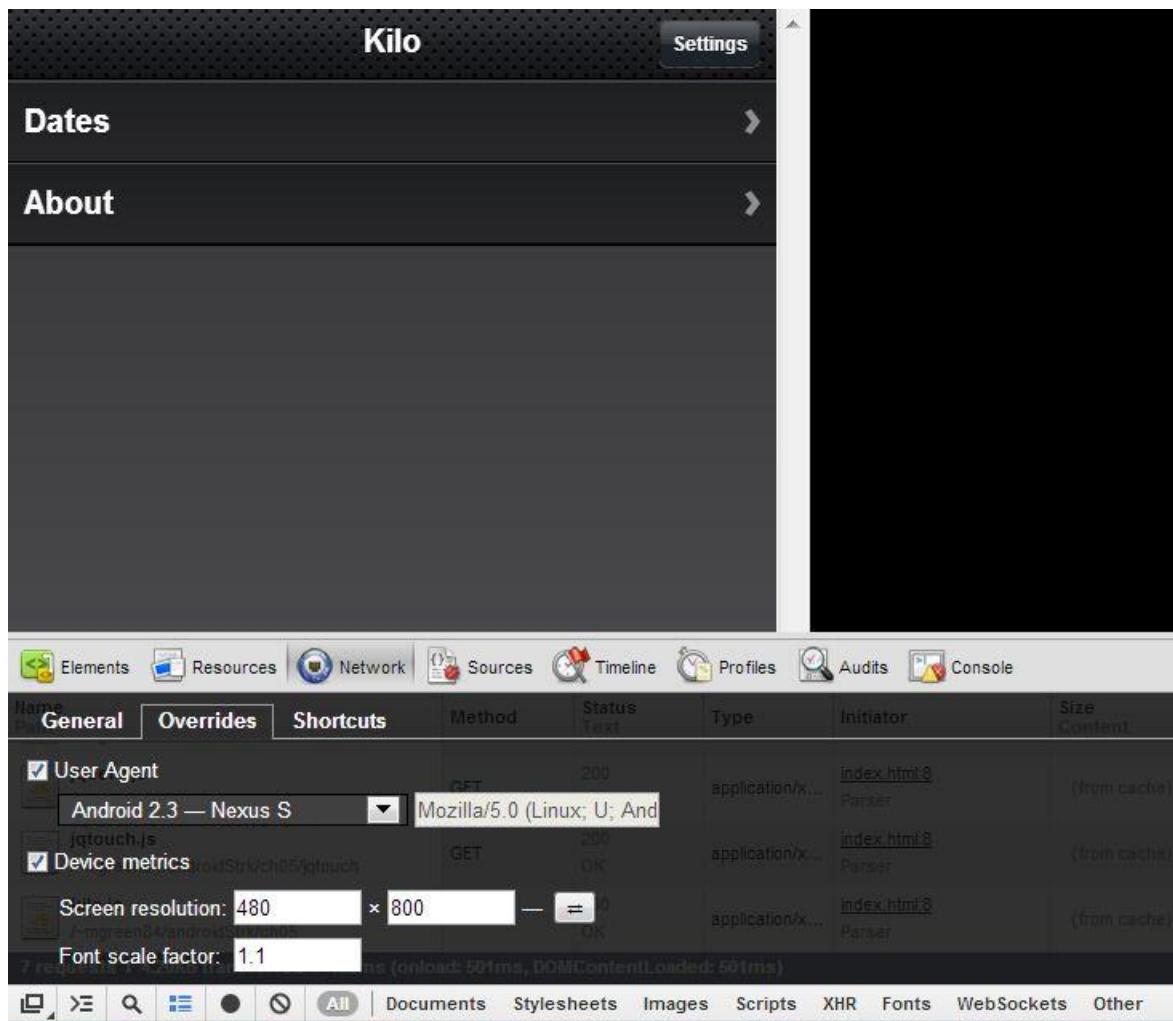
   Use the chapter 5 kilo program. Create entries for several days. Be sure to use Chrome's Developer tools to inspect the program's resources. Upload the files to the kilo subdirectory in the assign8 directory on the server.

   With Chrome's user agent setting, you can make your desktop browser pretend that it's something else. It can masquerade as Internet Explorer, Firefox, iPhone, iPad, Android, and other devices. Here's how:
   - **Open a web page in Chrome.**
   - **Press Ctrl+Shift+I to open the developer tools panel at the bottom of the Chrome window.**
   - **Click the settings icon (a cog) at bottom right of the developer tools panel.**
   - **Click the Overrides tab.**
   - **Select the User Agent check box.**
   - **Choose a browser and version from the dropdown list.**

- **Make sure that the Device metrics check box is also selected. This allows Chrome to control the size of the viewport, based on the user agent defaults.**
- **If you want to further tweak the size of the viewport, change the Screen Resolution values.**
- **Refresh the screen (F5 or Command+R) to make sure all the new settings take effect.**

Now you can interact with the web page as usual. The web app will think that you are using a mobile device.
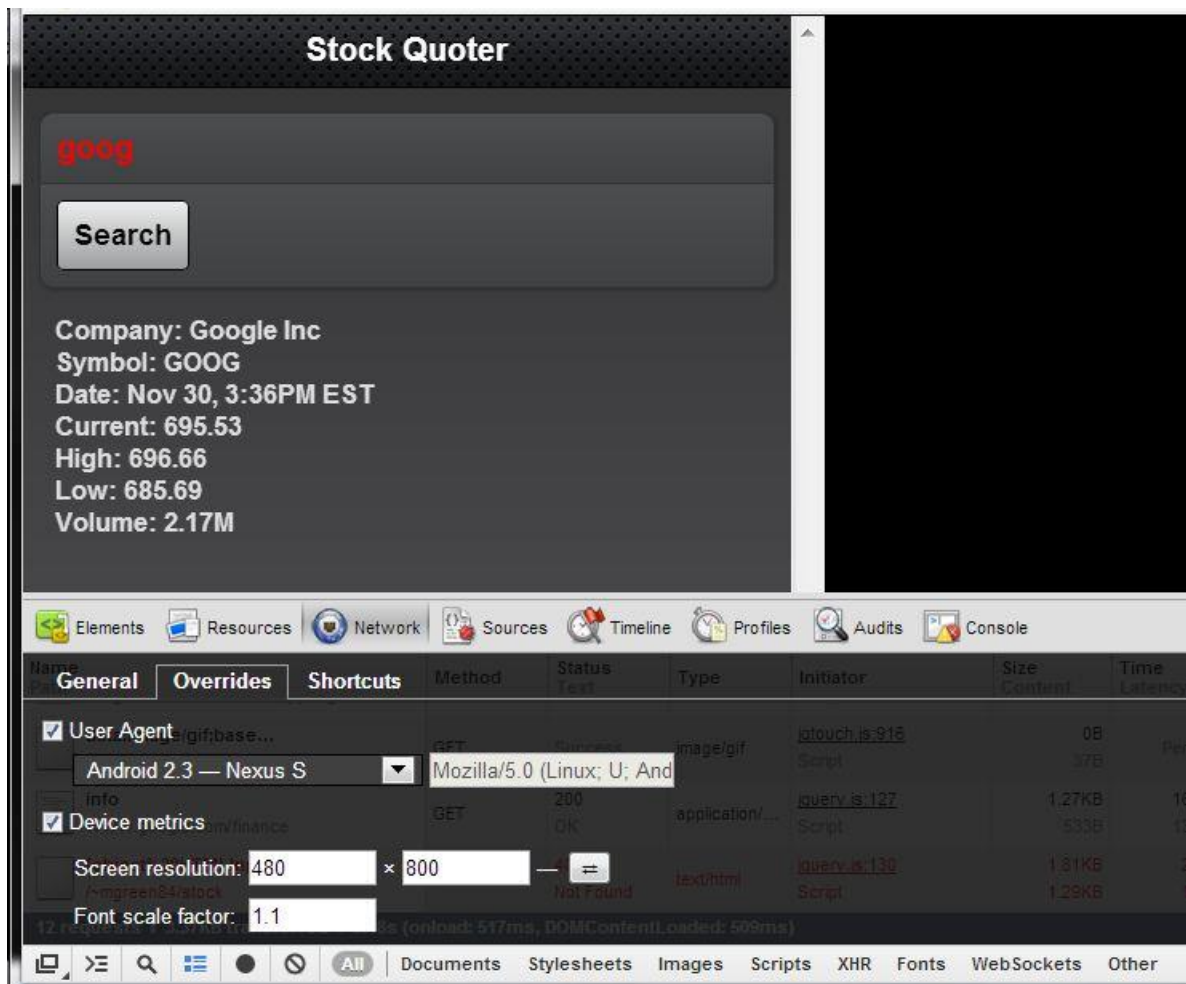

2. **Create a stock quoter Android web app named stock.html. This should be based on the kilo program. The JavaScript file should be named stock.js and the CSS file should be named stock.css. The app displays the current stock quote based on the stock symbol. You only need to enter one stock symbol. Use the Google web service: http://www.google.com/finance/info?infotype=infoquoteall&q=SYMBOL&format=json**

Be sure to substitute the actual symbol and use the jQuery getJSON function, appending callback=? to the end of the URL. Upload all files to the stock subdirectory in the assign8 subdirectory.

http://api.jquery.com/jQuery.getJSON/
http://en.wikipedia.org/wiki/Ticker_symbol
http://www.ehow.com/how_14750_read-stock-quote.html

3. **Create a file movie.html based on the following example program:**
    http://10k.aneventapart.com/2/Uploads/550/

    Do the following:
    - **Place your JavaScript code into a file named movie.js and link to it. Also, you must use jQuery for this program.**
    - **You must create a CSS file named movie.css and link to it. You must create CSS styles for your program.**

- **Write JavaScript to display the movie name, an image of the movie poster, the release year, the movie rating, and the synopsis (overview). You must examine the JSON data for the correct names in order to do this. Use the jQuery getJSON function to fetch the JSON data: $.getJSON("http://api.themoviedb.org/2.1/Movie.search/en/json/23afca60ebf72f8d88cdcae2c4f31866/" + film + "?callback=?"**
- **Place all files in the movie subdirectory in the assign8 subdirectory.**

IMPORTANT: You must upload ALL files to the correct subdirectories on the server.csmcis.net server.

SUBMIT: ALL Assignment 8 files must be placed in folders and those folders must be placed in a folder named assign8. This folder must be zipped INTO A SINGLE FILE named assign8.zip and uploaded to WebAccess. Make sure that you include ALL FILES, including any graphics files, as I am not able to grade incomplete assignments. You should try unzipping your zip file to make sure that all files were correctly included. Make sure ALL files have been uploaded to the correct directories on the server.csmcis.com server.

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 assign8.zip file to the upload link in WebAccess by the due date/time.
http://smccd.mrooms.net