

In EVERY file submitted (except graphics 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 assign7 subdirectory in the cis114 directory in your public_html directory on the server.csmcis.net server.
- Create an iphone subdirectory in the assign7 directory.
- Create a slideshow subdirectory in the assign7 directory.
- Create a twitter subdirectory in the assign7 directory.

Use the FileZilla client program to do this.

1. You will create an iPhone web application iphone.html. To do this you must download the Safari browser if you don't already have it installed.

<http://support.apple.com/downloads/#internet>

To enable the Develop menu in Safari, go to the Edit menu and select Preferences. Click on Advanced and check Show Develop menu in menu bar. Go to the Develop menu and select User Agent -> Safari iOS X.X.X – iPhone

Read the first 3 chapters of Jonathan Stark's *Building iPhone Apps with HTML, CSS, and JavaScript* ebook (link in WebAccess).

You will have to create iphone.js using the code in chapter 3. You will create a file named iphone.html that must contain at least 6 links to “pages” you create. These pages should display an image file and must contain HTML and content. For example, you could create an app with recipes, or with information about artists, musicians, writers, etc. Or choose an individual artist, musician, or writer with links to “pages” you create describing their various works. In the past students have created small apps related to their hobbies or interests, such as cooking, gardening, sports, dance, jewelry making, knitting, genealogy, history, music, art, collecting, etc. You must provide navigation in your web app.

Note: you need to test this on the server.csmcis.net server. Test the original files on the server.csmcis.net server using Safari. Be sure to update the domain name in the hijackLinks function, change the user agent and resize the browser window when testing.

Place files in the iphone subdirectory in the assign7 directory.

2. Download the zip file with the JSON twitter program from WebAccess. Modify the program as follows:

- Rename the files twitter.html, twitter.js, and twitter.css. Create js and css subdirectories. Place twitter.html in the twitter subdirectory.
- Modify the program so that it allows the user to enter a Twitter username and displays tweets from that username. Use DOM scripting for the event handling. Be sure to remove the previous twitter feed when displaying tweets for a new username.
- Try to make improvements to the CSS file, if possible.
- If you prefer, use a select element that lists at least 5 usernames and displays tweets from the username selected. Use DOM scripting for the event handling.


Examples:

Twitter Feed with jQuery

Enter Twitter username:

Twitter Feed with jQuery

Enter Twitter username:



Paul Irish
Friends: 967
Followers: 73653
Listed: 4973
I want the web to win • Chrome dev relations • currently fascinated with front-end tooling and browser devtools • big fan of rye, research and whimsy

@mhemesath did you drive back down to Austin for TXJS this week? (Apr 18)

@adam_rocska no problem! :) (Apr 18)

@adam_rocska long-hold the bottom left icon. (Apr 18)

@adam_rocska stable has dock-to-right too. (Apr 18)

@aaronpeters thanks!! cc @stefsull (Apr 18)

@WillsB3 @ChromiumDev fixed in canary! (Apr 18)

3. Create a slideshow program displaying AT LEAST 10 images. The program must do the following:

- Use a framework such as jQuery, YUI, MooTools, Dojo, Prototype, etc.
<http://docs.jquery.com/Tutorials>
<http://yuilibrary.com/gallery/show/yui-slideshow>
<http://mootools.net/forge/p/slideshow>
<http://dojotoolkit.org/reference-guide/1.8/dojox/image/SlideShow.html>
<http://www.protoshow.net>
- You will have to link to the framework you choose (either download the file or use a URL).
- Use your own image files or images from a site such as flickr.com. Be sure to use free images only. Best to put image files in an images directory.
- Each image displayed must be captioned. You must create and display the captions.
- You must use some kind of effect in the slideshow. The effect must be from the library you are using for the slideshow.
- If using a tutorial to do this, please include a link to the tutorial in the comments. Be sure to modify the tutorial to fulfill the above requirements.
- Place files in the slideshow subdirectory, or any necessary subdirectories, such as images, js, css.

You will need to test your files on the server.csmcis.net server. You must upload ALL files to your correct subdirectories on server.csmcis.net. Place ALL Assignment 7 files in the appropriate subdirectories in the assign7 directory in the cis114 directory.

SUBMIT: ALL Assignment 7 files must be placed in the iphone, slideshow and twitter folders, and these folders must be placed in a separate folder called assign7. This folder must be zipped INTO A SINGLE FILE named assign7.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 your server.csmcis.net subdirectories.

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 assign7.zip file to the upload link in WebAccess by the due date/time.

<http://smccd.mrooms.net>