

CS 641, Haik Sahakian

Mobile Web Development

Readings and Assignments
Week 1

Reference Sites

Take a look at Mozilla's reference sites for HTML and CSS syntax. MSDN and W3Schools are excellent sites too.

For HTML: <https://developer.mozilla.org/en-US/docs/Web/HTML/Element>

For CSS: <https://developer.mozilla.org/en-US/docs/Web/CSS/Reference>

Code from Class

I put (a cleaner version of) the code from class up at <http://webpage.pace.edu/hsahakian/examples/intro/intro.html>.

Assignments

- ❖ Please set up a web server at webpage.pace.edu. Instructions are at the end of this document.
- ❖ Take the quiz from last week. It's in Blackboard > Course Documents > Quizzes.
- ❖ Make a web page, about anything you'd like. Use CSS to style it and JavaScript to add some interactivity. At a minimum, the page should use the IMG, DIV, and BUTTON tags; and the color, background-color, and transition styles.

Assignments

- ❖ Please place your web page on your webpage.pace.edu web site. FTP is an easy way to copy your files there, and download instructions for FileZilla are at webpage.pace.edu as well.
- ❖ View your web page on your mobile phone.
- ❖ Create a thread in the Blackboard Discussion Board for this course, and in your thread please post a link to your web page.

Assignments

SASS and Compass are two command line tools to help with CSS that we'll be using next week. Please install SASS, then install Compass.

- ❖ For SASS, installation instructions are at <http://sass-lang.com/install>. Many of you will install Ruby as part of this step.
- ❖ For Compass, installation instructions are at <http://compass-style.org/install/>.

Assignments

- ❖ Please install an image editing program to use in the course. PhotoShop is excellent but expensive. Gimp is harder to use, but is free. There are also many good OS-specific image editors available around \$30.

Code Monster

If you're just starting out with learning programming, I recommend looking at Crunchzilla's Code Monster site. Its visuals are aimed at school-age kids, but don't mind them — it's the fastest way to learn programming I've seen.

Another advantage to Code Monster is that it happens to teach programming by using JavaScript and the browser's Canvas object to draw graphics. So you get a good introduction to web graphics programming as well.

<http://www.crunchzilla.com/code-monster>

Web Sites at Pace

There's web site space hosted by IT services at Pace for each student with information at <http://webpage.pace.edu/>.

It works well, and is a good place to put static HTML files for assignments. You can just send me the URL to your site on this server. It will look something like <http://webpage.pace.edu/dtrump/cs641/assignment1/mypage.html>.

Just FYI, if installing the FileZilla client as they suggest to transfer files to the server, choose "Advanced Mode" during setup and then click "Skip" to prevent Yahoo becoming your default search engine and Real Player from being installed.