

Coding & Cocktails Session 10 Worksheet

Overview

This session is meant to give you maximum opportunity to practice and solidify the concepts and languages we have covered during the first half of 2016. **Pick one topic** that you would like to focus on and spend the evening on that.



You can use <https://pages.github.com/> to publish your practice work. Only one personal (i.e. resume) site is allowed per user ID, but unlimited project pages. If you need help with this, grab a mentor!

So, pick your focus for the evening and settle in with a drink and a snack. Above all, enjoy yourself.

HTML and CSS

Resources and Tutorials

- Review the Coding & Cocktails [presentation and worksheet](#) from our January Session.
- [Codecademy.com](https://www.codecademy.com/) Intro to HTML & CSS
- [W3Schools Introduction to HTML](https://www.w3schools.com/html/)
- [W3 Schools Intro to CSS](https://www.w3schools.com/css/).

Project:

Start working on a personal page. Here's a checklist of components to include to help get you started:

- 1) Doctype declaration
- 2) Header section with meta data
- 3) Html and body tags
- 4) One or more headings (<h1> - <h6>)
- 5) One or more paragraphs (<p> - <p>)
- 6) An ordered or an unordered list
- 7) Basic inline styling - such as bold or italic.

Hint: To help you focus on the code rather than the content, use <http://www.lipsum.com/> to help you create gibberish to style. Even faster, in Sublime Text, check to see if you have the plugin emmet installed (Use CTRL+SHIFT+P to bring up the command palette and type "emmett". If you do have emmet installed you can just type lorem and push tab to fill in content.

Command Line

Resources and Tutorials

- Review the [Coding & Cocktails presentation and worksheet](#) for Command Line
- Work through [Codecademy.com](#)'s course, "Learn the Command Line"

Version Control using Git

Resources and Tutorials

- Review the Coding & Cocktails [version control presentation and worksheet](#).
- Take the [Codecademy course on Git](#)

Project: [Practice Forking, Branching, Pushing and Pulling your work](#).

Those who attended the session in March had the opportunity to be assigned a 'bug' to be fixed. You may continue working on it if you attended. If you did not attend, ask a mentor to help you identify a 'bug' you can work on and have them notify a leader to get you the correct GitHub access level to the repository (this is not as scary as it sounds, we promise!). Alternatively, concentrate on the other parts of the worksheet and practice building repos (you can delete them easily if there is nothing worth keeping in them) and downloading them to your desktop, making the most basic of documents and pushing the changes back up to github. Using Git also requires that you use the command line - including making and changing directories, pushing and pulling your work to and from the Cloud (GitHub).

CSS Compilers

Resources and Tutorials

- Review the Coding & Cocktails [presentation and worksheet](#) for CSS Compilers.
- [Codecademy.com Introduction to Sass](#)

Project: [Lady Dev Flower Shop](#)

- If you attended the CSS Compilers workshop, you probably already have this site downloaded, and you can resume the worksheet wherever you left off, or you can start over.
- If you did not attend the workshop you can begin practicing using the [worksheet](#)
 - Part 1 is a great for additional CSS practice
 - Part 2 is where you'll get more practice with the compilers - if you want to start here ask a mentor how to make sure you're starting with the answer key from part 1.

Intro to JavaScript using jQuery - a JavaScript Library

Resources and Tutorials

- Review the Coding & Cocktails [jQuery presentation and worksheet](#).

- Take the [Codecademy course on jQuery](#)
- Review the [W3Schools course on jQuery](#).

Project: [Coding & Cocktails Drink Order App](#)

When you start on this project for the first time, **be sure to check out the *jquery-master* branch to start from**. This project was also used to demonstrate version control so the other branches may have unfinished code in them.

Putting it all together: Build a Website from Scratch

Resources and Tutorials:

- All of the above!
- Google
- Your mentors (don't forget to look for them at <http://kcwit.slack.com!>)

Project: [LadyDev Coffee Shop](#)

This project has not been covered in class. It is designed to use all of the skills we have discussed so far and you will not complete it in a single night. How long it takes depends on how much time you decide to spend on it. You will have to rely on your knowledge of HTML, CSS, and Javascript (using jQuery to do it) to whatever degree you are comfortable to build a website that looks as close as possible to the pictures provided.

When you fork the repo and download it to your local drive you will see that *index.html* and *main.css* documents are already started. Make your changes to these two documents for starters.

Hint: Begin with the README.md document, where you will find instructions.

Remember to use our Slack chat channel for Coding and Cocktails at:

<http://kcwit.slack.com>.

To download the app to your desktop, go to

<https://slack.com/downloads>.