Coding & Cocktails Session 2 Worksheet

Overview
Last session we got familiar with the command line and installing tools to help us build websites. This session we're going to create our own blogs using a tool called [Jekyll](#).

Prep Work (pairs nicely with a glass of wine)

1. If you're on a windows machine you may have to install Ruby, get it here: http://rubyinstaller.org/
2. Install [Jekyll](#) - this is a ruby gem we'll use to create our own blogs and deploy them to github. (Have issues installing? Just move on to step 3, we'll troubleshoot when you get here!)
3. If you don't have one yet, create an account on http://www.codecademy.com
   a. Complete this course on Codecademy: http://www.codecademy.com/courses/web-beginner-en-WF0CF/0/1?curriculum_id=50579fb998b470000202dc8b
4. If you don't have one yet, create an account on https://github.com/
5. Download a text editor, we recommend Sublime Text 2 - http://www.sublimetext.com/2
6. If you haven't already, create a folder in your home directory called CodingAndCocktails - we'll create folders in here for our different projects.

Create Your Blog

Jekyll does all the hard work for us which is why it's so awesome! It creates an already scaffolded blog that you can easily update and host wherever you want! Jekyll uses [Markdown](#), an easy-to-read version of html.

1. If you weren't able to install Jekyll at home, let a mentor know!
2. In your terminal, navigate into the folder you created for Coding and Cocktails and run the command `jekyll new my-blog` . This will create a new folder called "my-blog" with all the files for your new site.
3. Navigate into your directory and run `jekyll serve` . This will create a server on your machine and serve your website at http://localhost:4000.
4. To start making changes to your site edit the _config.yml file!
5. To create a new post, create a new file in the _posts directory and name it YYYY-MM-DD-post-title.markdown

Style Your Blog

Now that our blog is up and running, we can style it to make it our own!

1. First, add your own style sheet. In the _sass directory, add a new file called _my-theme.scss
2. In the css directory main.scss file, add the name of your new file to the list of imported files.
3. Choose a font you like from https://www.google.com/fonts and add it to your new style sheet.
4. Start exploring using different colors and adding images to your layout!

Host Your Blog on Github Pages

We've got our blogs running on localhost, but we want the world to be able to read our inner musings. And I don't know about you, but my musing get stronger by the minute when sipping cocktails! We'll follow this guide to push to a new github repo:
https://help.github.com/articles/adding-an-existing-project-to-github-using-the-command-line/

1. Create a new repo on github, and copy the address.
2. You'll need to update the _config.yml file add the baseurl(what you named your repo) and the link to the where your repo is hosted(*your-username.github.io/your-repo-name)*.
3. Let's get our blog ready to deploy. Run the command `jekyll build --destination dist`. This will copy your web ready files into a folder called "dist" (Shorthand for distribution. Naming matters!)
4. CD into your new dist folder.
5. In your project directory run the following commands:
   a. `git init` - this will initialize the repo
   b. `git add .` - this will add all your files to the repo
   c. `git commit -m "first commit"` - this will commit your changes with a message regarding the changes
   d. `git remote add origin your-repo-url-here`
   e. `git remote -v`
   f. git push origin master
   g. git push origin master:gh-pages
6. Go to *your-username.github.io/your-repo-name* to see your blog!
7. Whenever you have changes to make, add the files, commit the changes, and then push to master and gh-pages branch!

Homework

1. Work through this session on Khan Academy:
   https://www.khanacademy.org/computing/computer-programming/html-css