Savvy Coders Week 1 Quiz – April 2019

This is a general overview of the many concepts we’ve completed the first week to ensure students are keeping up. If you are having trouble with any of these areas, even after our review discussion, please seek an instructor or TA for help. Several concepts you will not understand until you have a lot of practice writing code and working on the command line.

1. Our development environment includes the following: (select all that apply)
2. A text editor
3. A database
4. Command Line Interface
5. Dependency Management Utility
6. Chat/collaboration utility
7. Version control system
8. Word processor
9. Name two ways a computer can receive user input.

For this class, what is the preferred method of interacting with your computer?

1. Supply the commands for the following:

Print working directory

Change directory

List files

Move up one directory

Navigate to your $HOME directory

Create a directory

Create a file

List all files

Navigate to the directory you were previously in (this one might stump you!)

Remove myfile.txt

Remove the directory called “Dogs”

Get your command history

Search your history

Move a file

1. What is an argument?
2. A \_\_\_\_\_\_\_\_\_\_ is a directory whose changes are being tracked.
3. Supply the commands for the following:

Initialize a git repository

Designate a remote origin for your git repository

Get the status of changes to your repository

Add all files to a commit

Add one file to a commit

Commit changes to a repository

Push your changes to Github

Get your history of commits

1. What does HTML stand for?
   1. Hey That’s My Limo
   2. Happy To Meet Lions
   3. HyperText Markup Language
   4. Hyper Target Macro Lessons
2. Which language is denoted by the “.md” extension?
3. What does HTTP stand for?
4. The name for any separate program or code your project requires to run is called a \_\_\_\_\_\_\_\_\_\_\_.
5. A list of the dependencies for your project are stored in this file: \_\_\_\_\_\_\_\_\_
6. This file contains a list of files to be ignored in version control: \_\_\_\_\_\_\_\_\_\_\_
7. Which HTML tags are the basic elements of an HTML document?
8. What do each of these HTML tags do?

<!DOCTYPE html>

<html>

<head>

<title>

<body>

<div>

<header>

<main>

<footer>

<section>

<article>

<span>

<em>

<strong>

<b>

<i>

<p>

<h1>  
<h2>  
<ol>

<ul>

<li>

<img>

<del>

<a>

1. What is an attribute?
2. Why do we open our HTML files using localhost instead of opening the file from a folder system?
3. What command do we use to open localhost?
4. What is continuous deployment?
5. What is the difference between what you see on localhost:8080 and what you see on Netlify?
6. Name three ways to add CSS styling to an HTML document.
7. What is the preferred and standard way of adding CSS to an HTML document?
8. Do styles applied to parent elements affect the styles of their children?
9. What is the concept of separation of concerns?
10. What is the DRY principle?
11. What kind of attributes to we use to apply CSS to HTML?
12. How is a CSS class written?
13. How is a CSS id written?
14. Assume you’ve been working on a project and you want to put your changes on Github. Your GitHub repository has already been set up and linked to your local origin repository, and git init was completed a few days ago. What do you do?
15. When you do a git status, what color are unstaged changes? Staged changes?
16. What does CSS stand for?