



RUTGERS | CODING BOOTCAMP

# Session 1.2 - HTML/CSS Intro

# HTML/CSS Intro

Theme

# Review Topics

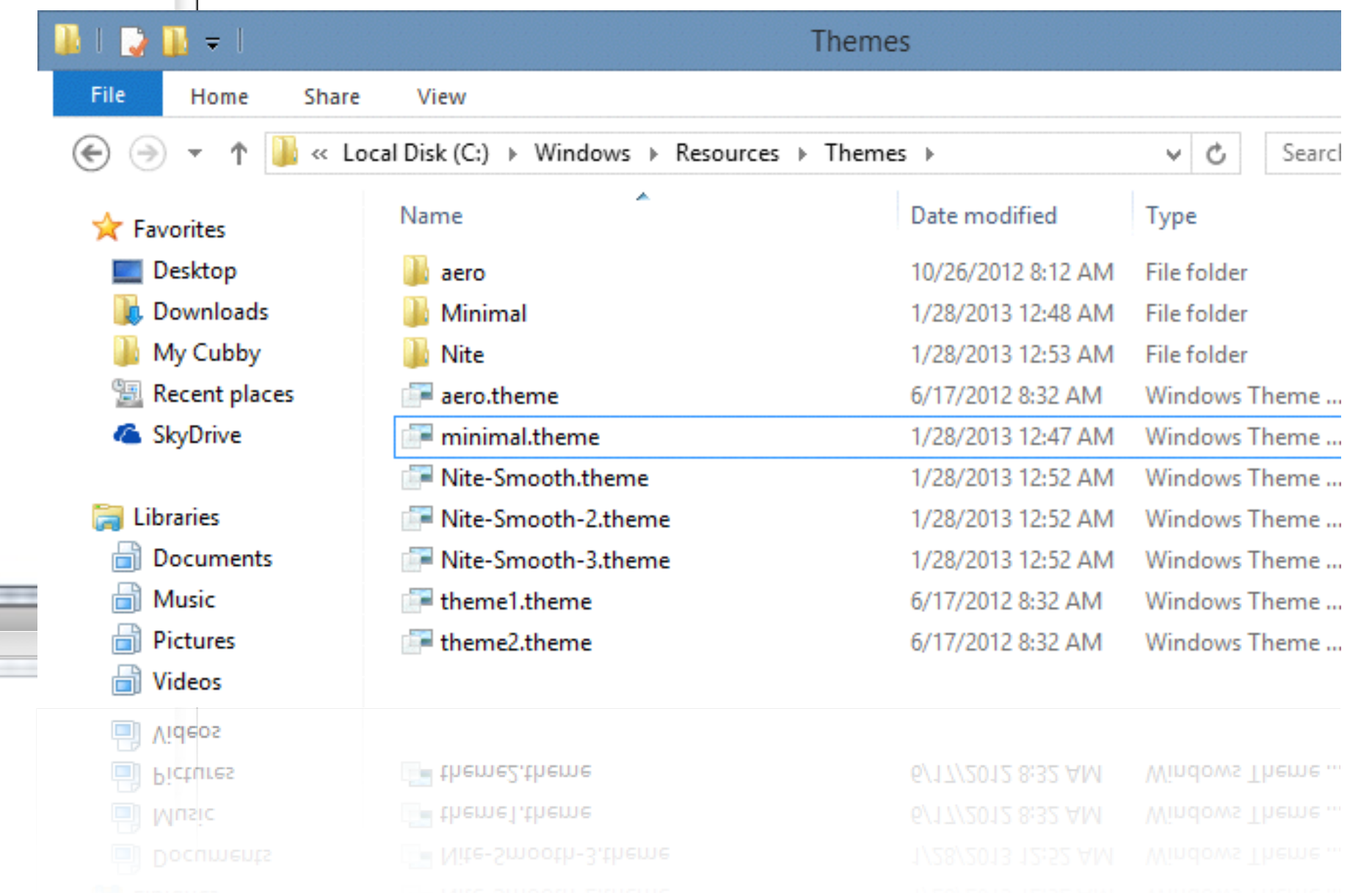
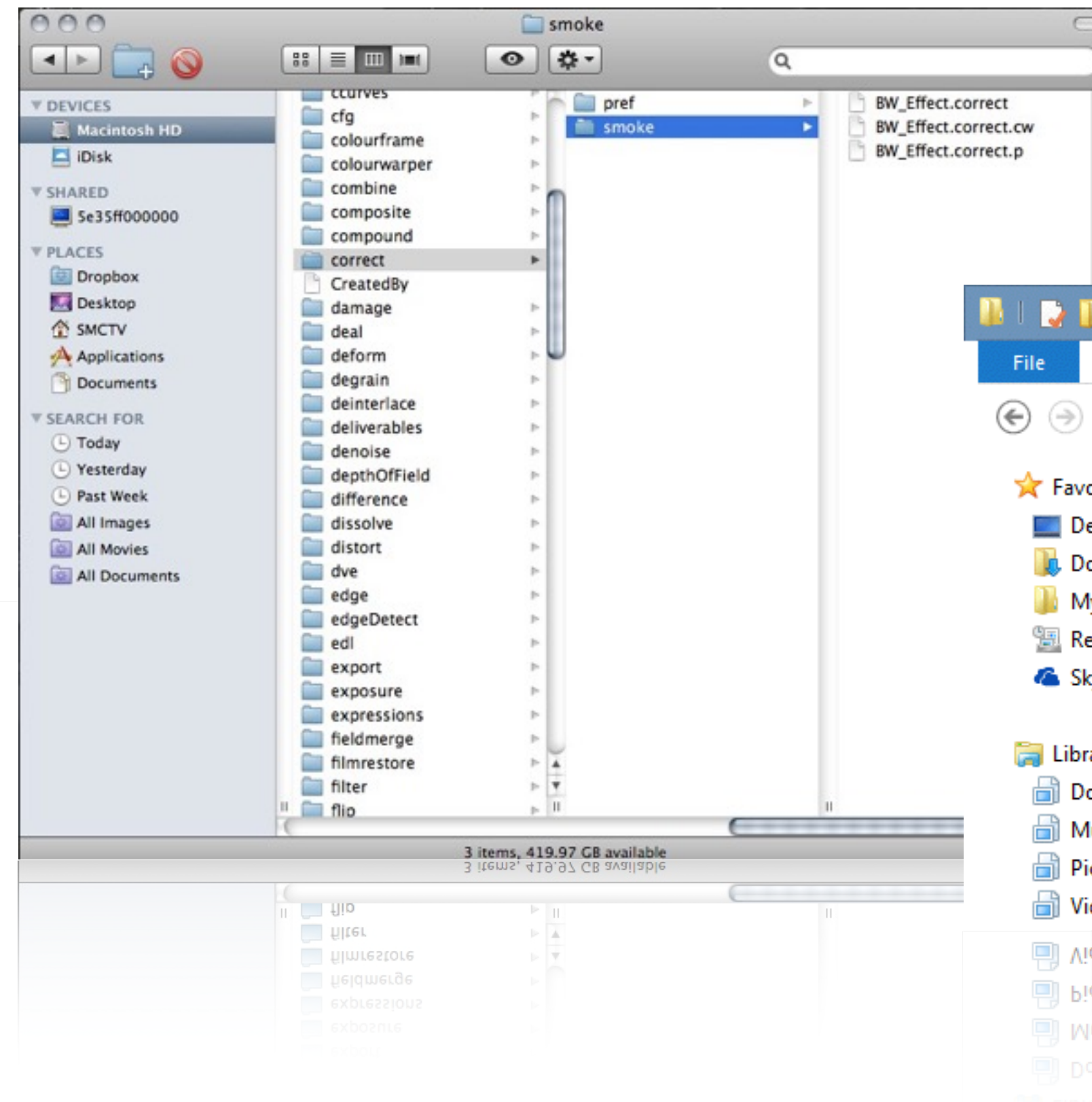
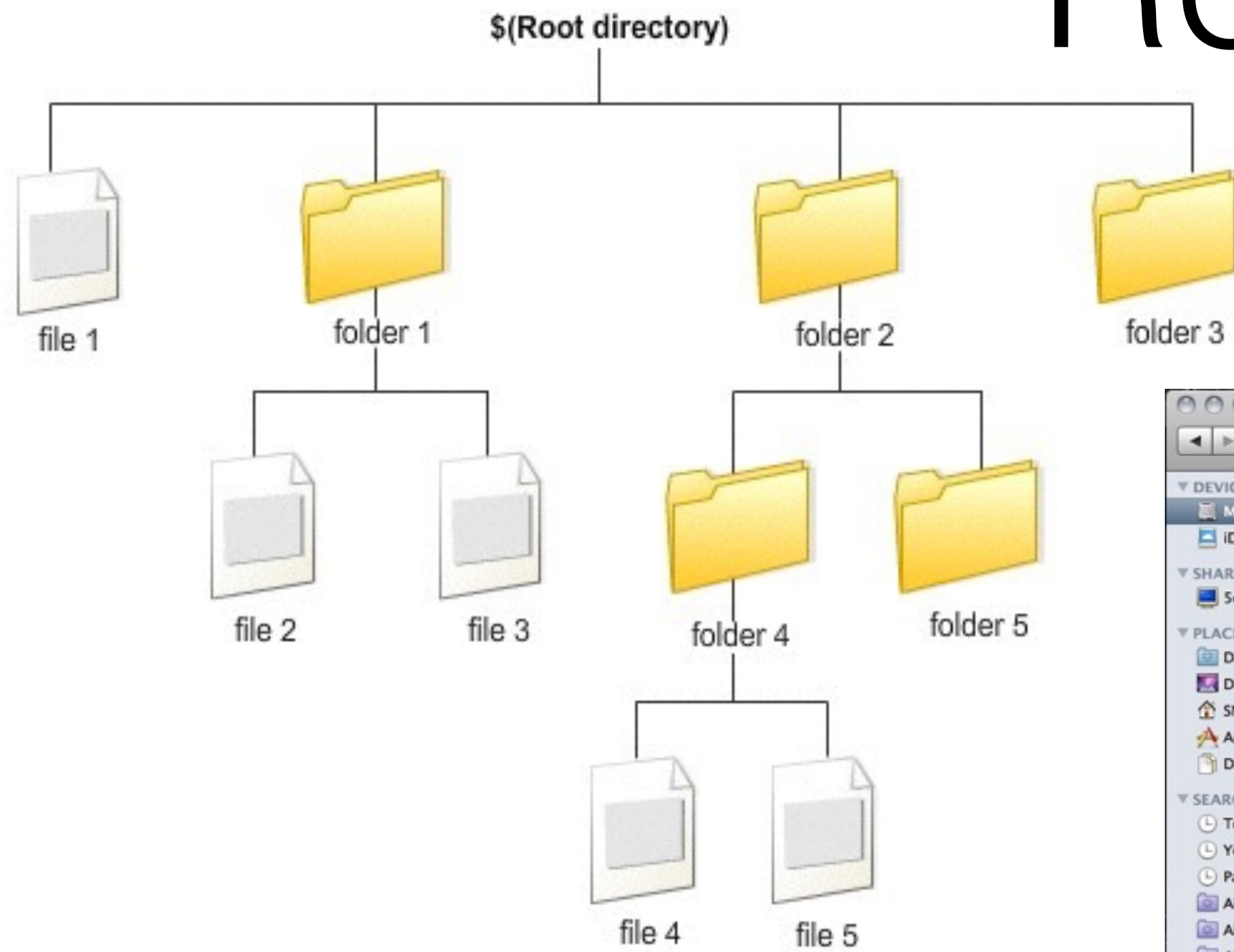
# Review Topics



- Console/git-bash/Terminal/CLI - They're all the same
- Use it to navigate the filesystem and run commands more quickly than point and click
- Use the TAB key

```
cd ~  
cd ..  
cd Rutgers/  
ls  
ls -la  
pwd  
touch  
git  
history  
grep
```

# Review Topics

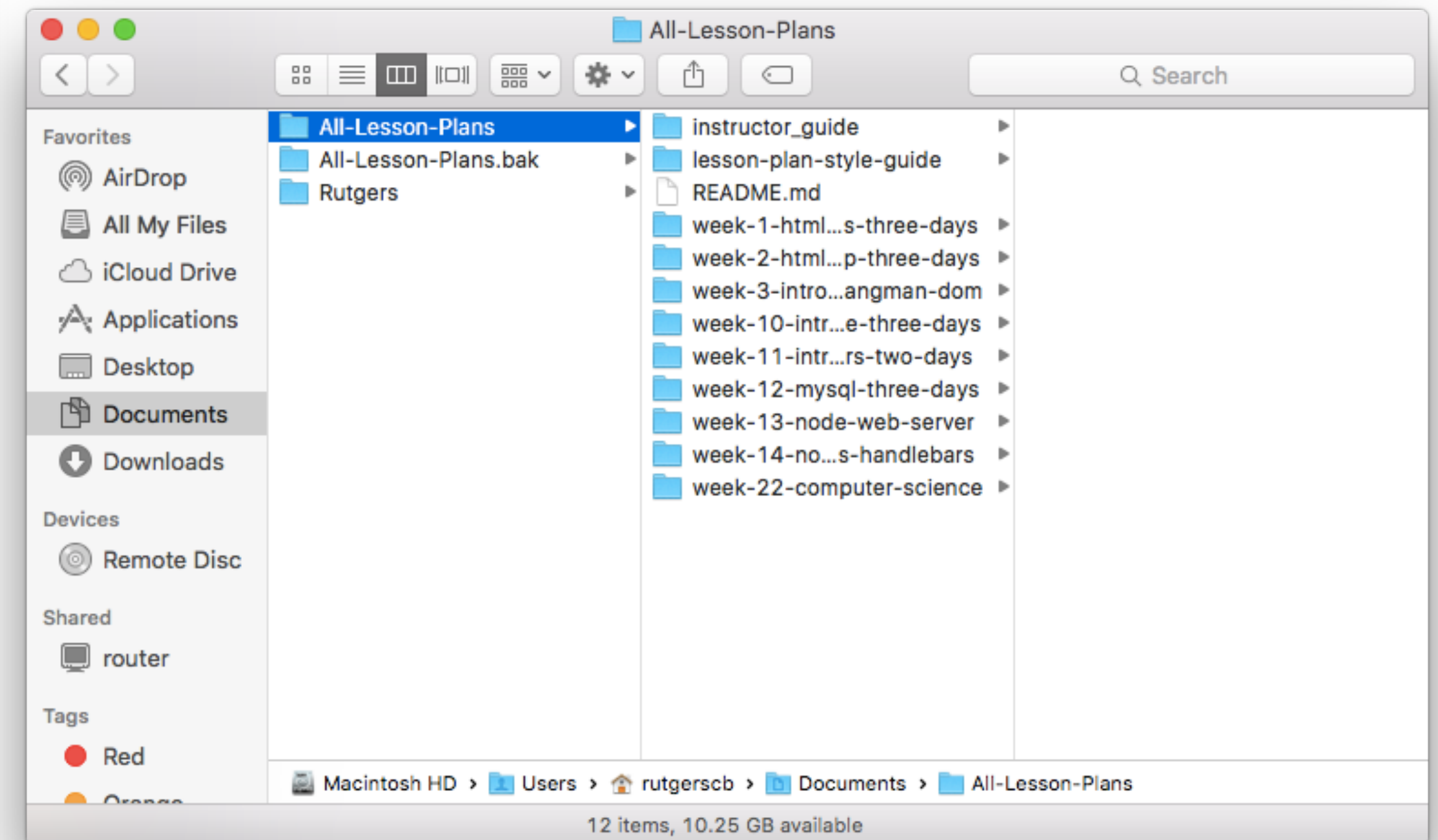




# Review Topics



```
Michael's-MacBook-Air-4:All-Lesson-Plans rutgerscb$ pwd
/Users/rutgerscb/Documents/All-Lesson-Plans
Michael's-MacBook-Air-4:All-Lesson-Plans rutgerscb$ ls
[README.md
[instructor_guide
[lesson-plan-style-guide
[week-1-html-css-three-days
[week-10-intro-node-three-days
[week-11-intro-constructors-two-days
[week-12-mysql-three-days
[week-13-node-web-server
[week-14-node-express-handlebars
[week-2-html-css-bootstrap-three-days
[week-22-computer-science
[week-3-intro-js-hangman-dom
Michael's-MacBook-Air-4:All-Lesson-Plans rutgerscb$ ls -l
total 8
-rw-r--r--  1 rutgerscb  staff   709 Feb  3 14:04 README.md
drwxr-xr-x  5 rutgerscb  staff   170 Feb  3 14:04 instructor_guide
drwxr-xr-x  5 rutgerscb  staff   170 Feb  3 14:04 lesson-plan-style-guide
drwxr-xr-x 13 rutgerscb  staff   442 Feb  3 14:04 week-1-html-css-three-days
drwxr-xr-x 13 rutgerscb  staff   442 Feb  3 14:04 week-10-intro-node-three-days
drwxr-xr-x  9 rutgerscb  staff   306 Feb  3 14:04 week-11-intro-constructors-two-days
drwxr-xr-x 11 rutgerscb  staff   374 Feb  3 14:04 week-12-mysql-three-days
drwxr-xr-x  4 rutgerscb  staff   136 Feb  3 14:04 week-13-node-web-server
drwxr-xr-x  8 rutgerscb  staff   272 Feb  3 14:04 week-14-node-express-handlebars
drwxr-xr-x 10 rutgerscb  staff   340 Feb  3 14:04 week-2-html-css-bootstrap-three-days
drwxr-xr-x  3 rutgerscb  staff   102 Feb  3 14:04 week-22-computer-science
drwxr-xr-x  3 rutgerscb  staff   102 Feb  3 14:04 week-3-intro-js-hangman-dom
Michael's-MacBook-Air-4:All-Lesson-Plans rutgerscb$
```



# Review Topics



```
MINGW32:~/git
Welcome to Git (version 1.8.3-preview20130601)

Run 'git help git' to display the help index.
Run 'git help <command>' to display help for specific commands.

Bacon@BACON ~
$ git clone https://github.com/msysgit/git.git
Cloning into 'git'...
remote: Counting objects: 177468, done.
remote: Compressing objects: 100% (52057/52057), done.
remote: Total 177468 (delta 133396), reused 166093 (delta 123576)
Receiving objects: 100% (177468/177468), 42.16 MiB | 1.84 MiB/s, done.
Resolving deltas: 100% (133396/133396), done.
Checking out files: 100% (2576/2576), done.

Bacon@BACON ~
$ cd git

Bacon@BACON ~/git (master)
$ git status
# On branch master
nothing to commit, working directory clean

Bacon@BACON ~/git (master)
$
```

Name	Date modified	Type
aero	10/26/2012 8:12 AM	File folder
Minimal	1/28/2013 12:48 AM	File folder
Nite	1/28/2013 12:53 AM	File folder
aero.theme	6/17/2012 8:32 AM	Windows Theme ...
minimal.theme	1/28/2013 12:47 AM	Windows Theme ...
Nite-Smooth.theme	1/28/2013 12:52 AM	Windows Theme ...
Nite-Smooth-2.theme	1/28/2013 12:52 AM	Windows Theme ...
Nite-Smooth-3.theme	1/28/2013 12:52 AM	Windows Theme ...
theme1.theme	6/17/2012 8:32 AM	Windows Theme ...
theme2.theme	6/17/2012 8:32 AM	Windows Theme ...

# Objectives

- Students will be able to explain the importance of Version Control (GIT) and how to use it
- Students will make a github repository, push their code to it, and share it with their partners
- Students will make a basic HTML document
- Students will be able to use basic HTML tags appropriately
- Students will be able to implement basic CSS styling to HTML documents



# Topic - Git



- #parking-lot
- Learn Git and Github
- You Git and Github

```
git clone
git init
git add .
git status
git commit -m "Commit Message"
git push
git pull
```



# Topic - HTML5

- Learn HTML and Doctypes
- Learn HTML Syntax and Structure
  - `<h1>Text</h1>`, `<h2>...`, `<ul>`, `<li>Item</li>`, `<p>`, `<a>`, `<table>`, `<footer>...`
- Learn Semantic HTML
- You HTML

# Topic - Sublime Text



- Learn Using Sublime Text
  - Shortcuts, indenting, comments, copy, paste, brackets
- <http://www.sublimetext.com/3> (upgrade to v3)
- Opening in Sublime from the command line in Windows, OS X and Linux
- You Sublime

```
/c/Program\ Files/Sublime\ Text\ 2/sublime_text.exe
```



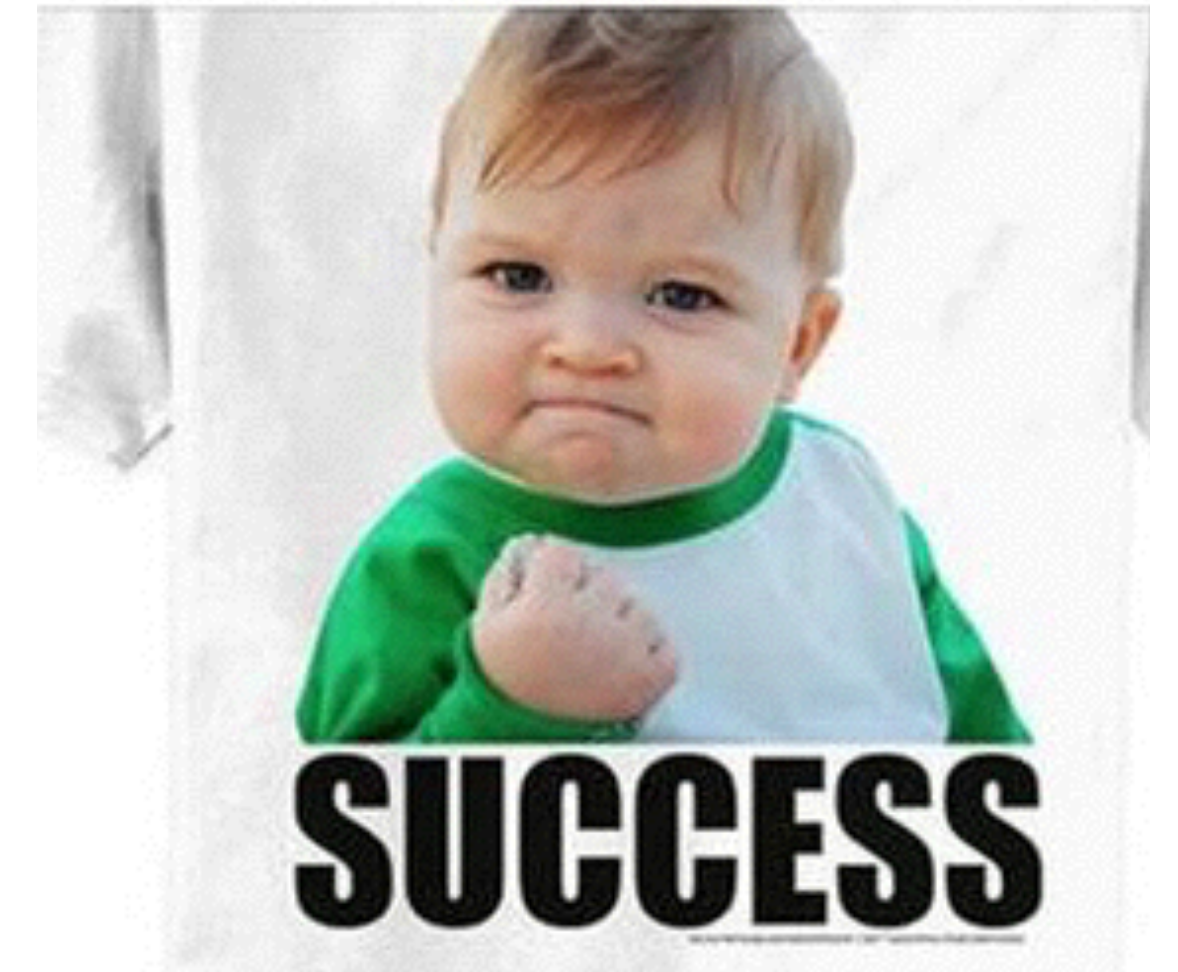
# Topic - CSS

- Learn Cascading Style Sheets - What is a style sheet?
- Learn The Box Model Concept
- Learn ID vs Class
- Learn Inheritance
- Learn Basic styling properties
  - font-family, font-weight, text-align, line-height, color, background-color, padding, margin, border, width, height, float
- You CSS



# Coding Tips

- Create a Real Programming Environment
- Make Programs From Scratch
- Start Small
- Write Lots of Code
- Ask for Help
- Ask for Help the Right Way



[http://www.programmingforbeginnersbook.com/blog/when\\_you\\_know\\_the\\_basics\\_but\\_you\\_still\\_cant\\_code/](http://www.programmingforbeginnersbook.com/blog/when_you_know_the_basics_but_you_still_cant_code/)