



Overview 13

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A review of Styles

In-line styles

Where you modify one instance of a tag, such as

```
<H2 style="color: red; font-size: 14pt"> text</H2>
```

Stylesheet

Where you predefine in the head how a tag will work on the current page

```
...
<HEAD>
<TITLE>Style sheet example</TITLE>
<STYLE TYPE="text/css">
<!--
H2 { color: #006000;
font-family: 'Helvetica', Arial, sans-serif}
-->
</STYLE>
</HEAD>
...
```

CSS Cascading Style Sheet

Where you predefine in a separate document how a tag will work on the entire web site.

CSS, Cascading Style Sheet

In-line styles can let us define what each instance of a tag can look like. Taken one step further, we could define these modifications just once, in the head, and then reuse these modified styles throughout the page; adding this information is called a style sheet. Key among tags modified are modifications on how the body behaves, instead of adding `text=`, `link=`, etc.

(See my list of style properties on page 276)

However, there is a better way if you wish to reuse the same modified style definitions in many different pages. Yes you could copy a style sheet into a template, then build all of your pages on that template, but what if we wish to change the way the entire site looks? It might be nice if we could just modify this list of styles in once, rather than on each web page.

To do this first we replace our local Stylesheet that is stored in the head with a pointer to an external style sheet that applies, or cascades, across the whole web site. Then we simply build this single document, which ends in `.css`. Of course, your html editor can do this very nicely.

See the class web site for examples of css...
PS My website does use css, while my portfolio uses a different css.

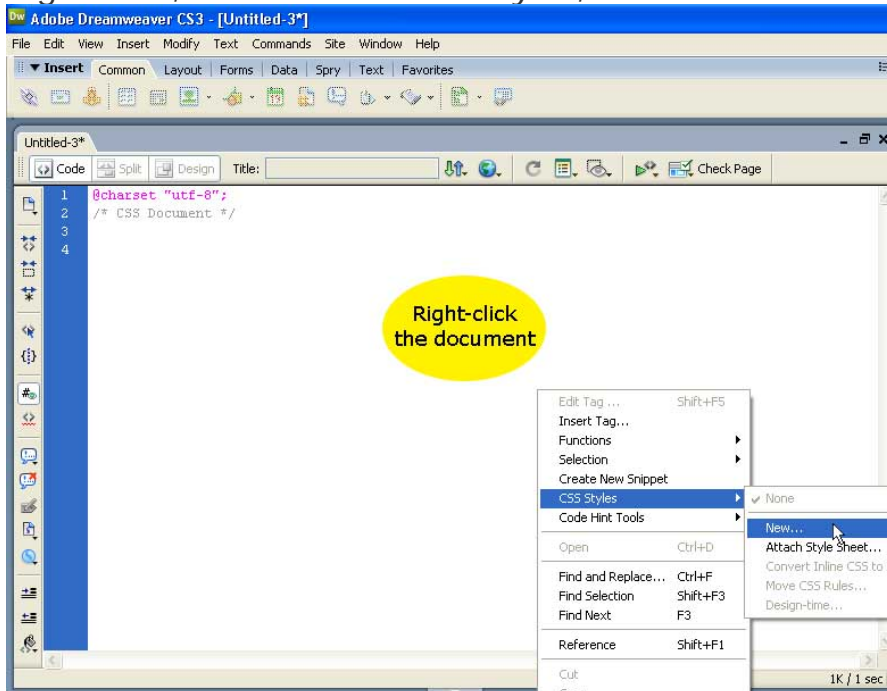
Optional: Creating CSS with editors

Creating CSS using Dreamweaver

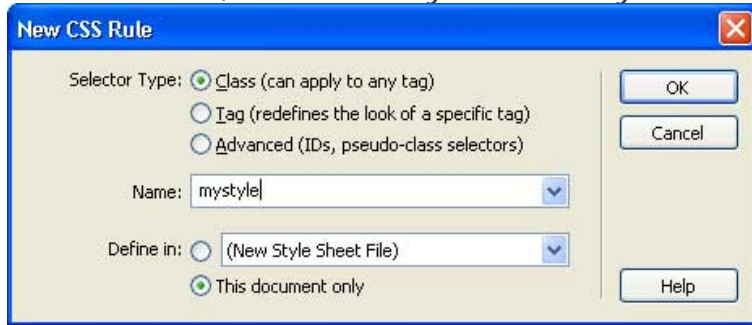
Select New CSS



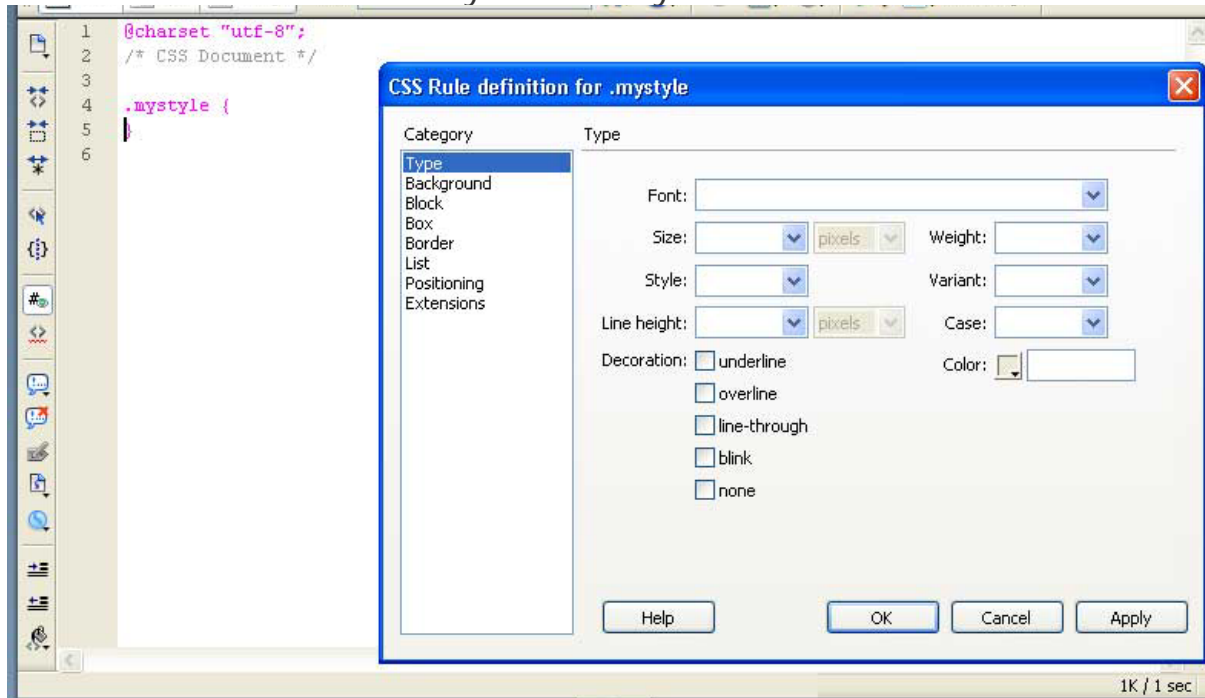
Right click, then choose CSS Styles, then choose New...



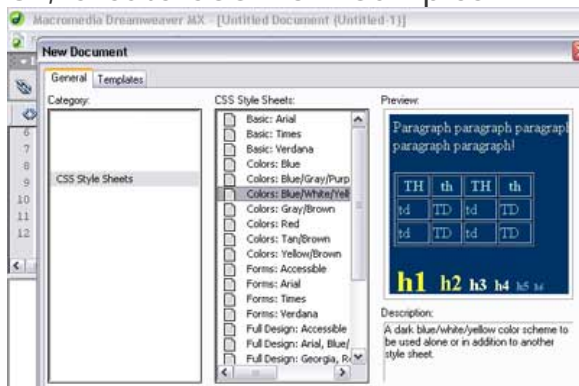
Choose Class, then name your new style item



Select the characteristics of your new style element



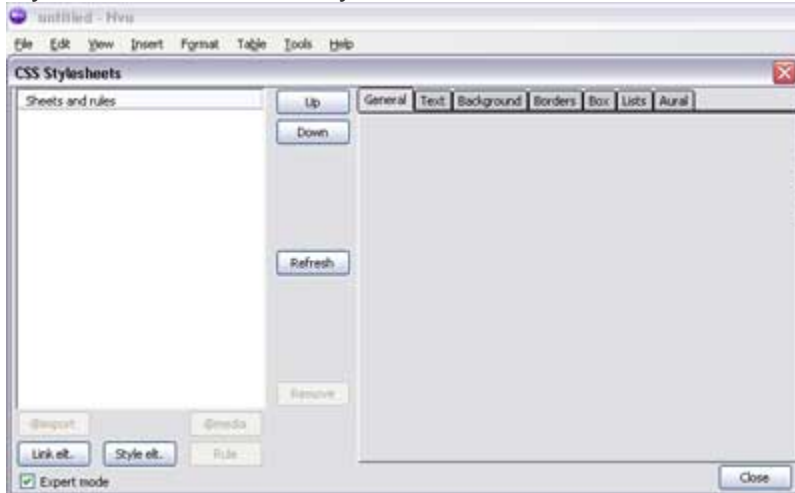
Or, Create CSS from Samples



NVu Style handling

Start Nvu and create at least one HTML page before beginning these steps.

Step 2 In the Tools menu, select CSS Editor. You can create an internal or external style sheet. Click the Style button at the lower left.



Step 3 Click the Create Stylesheet button. A new stylesheet dialog opens. Name the stylesheet and Click Create Stylesheet.

Step 4 NVu creates an internal stylesheet by default. You can export to an external stylesheet using the Export Stylesheet and Switch to the Exported Version button.

Step 5 Deselect the Expert button and Rule becomes active. Choose to create a new style rule.

Step 6 Type your selector in this field to style an HTML element. You can create a named style or enter a selector such as "body" in the blank field. Click Create Style rule to begin writing rules.

Now these background, box, border and other CSS rules can be applied to any HTML element on a page using the various CSS selectors.

Using editors to create CSS is completely optional, but I hope you explore your options.

Web Design II classes typically go into much more detail of editor use.

Web Page Design Tips

Tips

- Web pages should be easy to read, with good contrast between background and text
- Web pages layout and design should be consistent throughout the site (see CSS for one method of implementing consistency)
- Web pages should be easy to navigate, with link destinations clearly labeled, and links back to your main page; consider a navigation bar on the top or side (consider using tables or frames)
- Web pages should be quick to download (images should be optimized)
- Web pages should be easy to find (consider adding meta tags)

Basic Design Principles

Balance and Proximity

- Don't align everything to the left, use tables to place text and graphics *across* the page, too
 - Avoid *too* much symmetry on a page, to keep interest up
- Place related items close together
- Use white space
 - Use white space to enhance groupings by surrounding related items with space
 - White space can also separate items, to add focus, and improve readability

Contrast and Focus

- *Occasionally*, vary typefaces, colors, sizes, etc., to increase emphasis
- Don't forget the main idea of the page, and design the page to draw attention to that area

There is no magic formula to making an attractive web page. As a study in different approaches, consider web sites like Google (that use a lot of white space to focus you on the search box) and news sites like MSNBC (loaded with information, using a large graphic, grouping, or colored headlines to draw your attention on a crowded page).

Finally, draw out a design or two BEFORE you start coding.



Notes

Current HTML issues

See class website.

Lab 10, Capstone

General Lab Directions

Note: There is not enough time in lecture to cover all the material; read your book BEFORE you begin the lab

Note: Typically labs will require you to invest some time in the lab, outside of class lecture hours

Check with your Instructor for due date,

Lab 10, the capstone, is typically due in the middle of Overview 15, the last full week of school before finals

(see due dates on web site)

Activity

Lab 10: Create a small web site, and upload it to a non-Temple College web server.

Get an account on some non-college web server, if you have not done so, such as Bravenet's Free hosting (info follows on using the free service).

OPTIONAL: If you are planning to actually continue to use this, you may wish to investigate fee charging sites like \$3/mo 1and1.com, www.godaddy.com, or SuperNova.net; But for this lab, FREE is good.

Lab 10 Process

Get an account on an ISP (Internet Service Provider's) web server

(85%) Design:

Design, Create and post to your new account:

- at least three well designed web pages
- that incorporate what you have learned this semester

Must be correctly coded and functional

Must be pleasing (no green text on red backgrounds, no text that disappears into your background, etc.)

(Pages external to your ISP account do not count towards the three page minimum... you *may* upload pages you created earlier IF they're modified to fit *your* design... I don't want to see pink_fabric or Link Test 1)

(10%) Uploaded: Files have to be accessible on a real web site

(5%) Turn in to D2L: A document placed in the lab 10 dropbox that includes the URL to your site,
and

a brief explanation of what you did to earn the 85 design points.

Actually, if you don't put in the document with your URL, you don't lose 5 points; you lose 100 points because I can't grade what I can't find.

DO NOT UPLOAD WEB PAGE FILES UNLESS REQUESTED TO DO SO

Note: if doing a site for a company, I must see your name as web author somewhere on the site... you must point out where this citation occurs in the document you place in the lab 10 drop box

Lab 10 Grading Points

Grading Points (How to get the full 85 design points, aside from documentation and uploading)

- index.html should be your welcome page, link to all other pages (10%)
- use of **consistent look** on all pages via text/links and background controls (5%)
 - should include some regular formatting or styles
- use of appropriate titles and headlines (10%)
- use of OPTIMIZED images (jpg, gif, and/or png, with alt) (10%)
- use tables (5%)
- Spell Checked, interesting, shows planning, etc. (10%)
- Pleasing design (10%)
- correctly coded, with index and link, and functional (10%)
- includes your name (5%)
- Does not violate copyright (10%)
- may wish to use frames, and/or forms, etc, but they must work.

Don't forget the other points:

(10%) Files accessible on a real web site

(5%) Documentation in dropbox

- a) describing how you achieved design points,
- b) includes your URL

If you missed earlier lab points, you may reclaim them here if I see lab related activity and you have mentioned this in your design document

example, no lab 9 can earn points because files were uploaded to a server, etc.

Suggestion to meet the 3 page minimum

An attractive default document, also known as a splash screen, that opens when you access your account; this could link to a re-worked résumé and some other appropriate page, as long as all the pages on the site are somehow related.

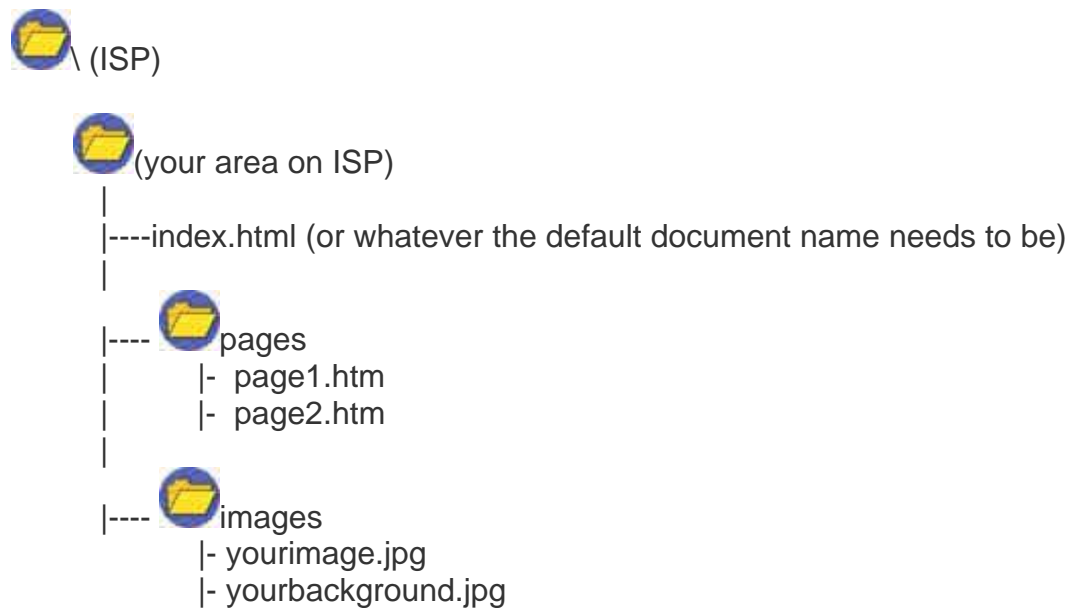
Your splash screen could also link to a portfolio of some type.

[What is a portfolio? Your portfolio should be web pages with content that would interest a specific audience, such as a prospective employer; this could include images you have created, or examples of skills you have to show off. See the class website for an overly large Portfolio I have created.]

Visualize and test

Don't forget to test that everything works on your computer.

On your ISP, create the required folders, and upload your files to the appropriate folder



- Note: if you upload files with errors, you must **delete** those files on the server, fix them on your disk, then upload them again. Most upload or ftp servers will not let you over-write or edit files.

Lab 10, Using Bravenet free services

The screenshot shows the Bravenet website interface. At the top, there is a navigation bar with the Bravenet logo and a search box. Below the navigation bar, there is a main heading "Web Tools and Web Hosting for Webmasters" and a sub-heading "We have everything you need to host, design, and spice up your website!". A red box highlights the "free webhosting & domains" link in the navigation bar, with a red arrow pointing down to the "Free" option in the pricing table below. The pricing table lists four options: "Free", "1 Month", "3 Months", and "1 Year". The "Free" option is selected, and its details are shown in a table below.

Free	1 Month	3 Months	1 Year
<ul style="list-style-type: none">Ad-Supported1.5GB Bandwidth50MB Disk Spacemuch more...	<ul style="list-style-type: none">Ad-Free Web ToolsHost 10 Domains200GB Bandwidth20GB Disk SpaceUnlimited EmailAdvertising Creditsmuch more...	<ul style="list-style-type: none">Ad-Free Web ToolsHost 10 Domains200GB Bandwidth20GB Disk SpaceUnlimited EmailAdvertising Creditsmuch more...	<ul style="list-style-type: none">No Setup Fee!Free Domain NameAd-Free Web ToolsHost 10 Domains200GB Bandwidth20GB Disk SpaceUnlimited EmailAdvertising Creditsmuch more...
FREE	was \$12.00	was \$9.67	was \$8.25

Go to www.bravenet.net
Choose 'free webhosting & domains'
Choose the 'Free' option

After registering, you will be prompted to provide a subdomain, I suggest you use your name (for my account, my username was [robertcraigcollins](#) and I made my domain [robertcraigcollins](#), so my url is robertcraigcollins.bravehost.com
[note to **upload** it is *bravenet.net*,
but to **view** it is *bravehost.com*])

When returning to bravenet.net, log in, and under web hosting, choose *your site*, under Free Websites

bravenet

account | **websites** | web tools | domains | email | ftp | databases | resources | help

Account Overview Logged in as robertcraigcollins [Logout](#)

Membership [Edit Password](#) [Edit Info](#) [Transactions](#)

Name: Robert Craig Collins
Location: US
Email: ccollins1@hotmail.com
Local Time: 10:41 AM

Bravenet News & Updates

New Upgrade You Hosting and receive: \$200+ in FREE advertising, Free Talking Character + Templates and Business Cards! [Upgrade Now >](#)

NEW & IMPROVED Bravenet Hit Counter! Now with Amazing Maps, More Stats, and Geographical Info! [Check it out >](#)

Web Tools [NEW! All Tools Ad-Free with Hosting](#)

- [Affiliate Program](#) [login](#) | [register](#) [Never](#)
- [SitePal](#) [login](#) | [register](#) [Never](#)

Get More Tools!

- [Blog](#) [Get it Now >](#)
- [Chat Rooms](#) [Get it Now >](#)

Web Hosting [Add Website](#) [Add Domain](#)

Hosting	Free
Disk Space:	400 Bytes of 50.0 MB
Bandwidth Used this Month:	0 Bytes of 1.5 GB
Free Websites	1
robertcraigcollins.bravehost.com	0 Bytes
Provide Manual	0

Choose **file manager**

BraveHost Manager

bravenet free websites and web tools

account | **websites** | web tools | domains | email | ftp | databa

account | website manager | manage robertcraigcollins.bravehost.com

Website Manager

Welcome to your website manager for robertcraigcollins.bravehost.com. Use the links below

Manage robertcraigcollins.bravehost.com

- [file manager](#) [Manage, maintain and create files and folders in your webspace.](#)
- [text/visual editor](#) [Use a text or visual editor to create new files and/or modify existing ones.](#)

Using the File Manager

(see image below for visual reference of where each tool is located)

Once in the file manager, you need a working index.html

-Option 1, delete index.html and choose *Upload files*, and upload your index.html

-Option 2, you may also edit the existing index.html instead, using *text/visual editors*

Then Make Directory, and call it pages (directories and folders are the same thing)

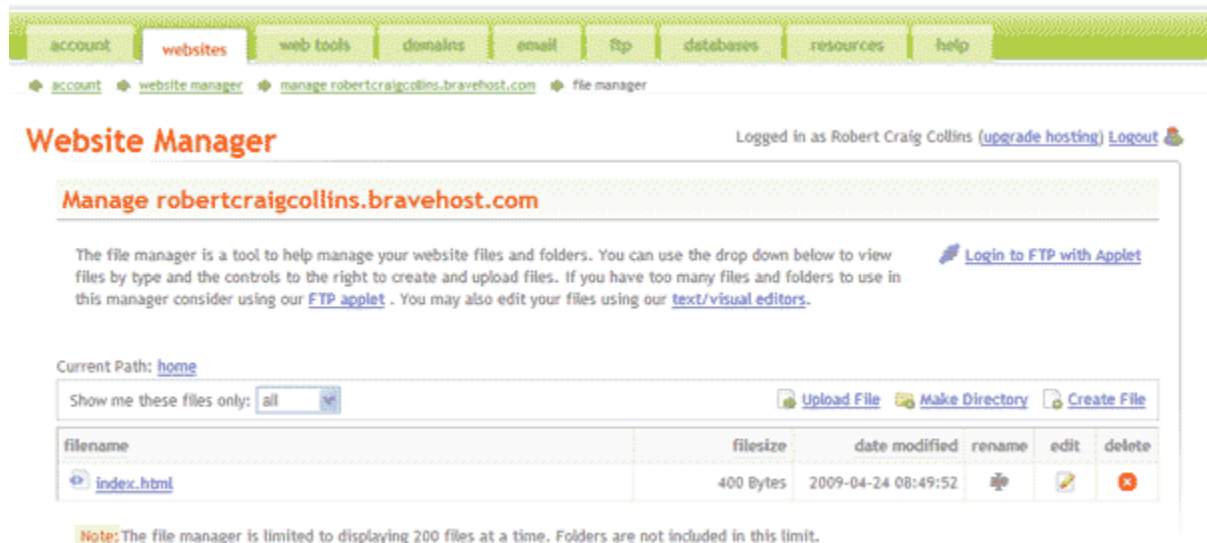
Then Make Directory, and call it images (directories and folders are the same thing)

Switch to your pages folder, then choose *Upload files*, and upload your content

Switch to your images folder, then choose *Upload files*, and upload your content

Notes, you may also use their ftp applet

Don't forget to use lower case file and folder names, and don't use spaces in files or folders



The screenshot shows the Website Manager interface for the domain `robertcraigcollins.bravehost.com`. The user is logged in as Robert Craig Collins. The interface includes a navigation menu with options like account, websites, web tools, domains, email, ftp, databases, resources, and help. The main content area is titled "Manage robertcraigcollins.bravehost.com" and contains instructions on how to use the file manager. It shows the current path as "home" and a list of files, including "index.html" which is 400 Bytes and was last modified on 2009-04-24 08:49:52. The interface also provides buttons for "Upload File", "Make Directory", and "Create File".

Website Manager Logged in as Robert Craig Collins ([upgrade hosting](#)) [Logout](#)

Manage robertcraigcollins.bravehost.com

The file manager is a tool to help manage your website files and folders. You can use the drop down below to view files by type and the controls to the right to create and upload files. If you have too many files and folders to use in this manager consider using our [FTP applet](#). You may also edit your files using our [text/visual editors](#).

Current Path: [home](#)

Show me these files only: [Upload File](#) [Make Directory](#) [Create File](#)

filename	filesize	date modified	rename	edit	delete
index.html	400 Bytes	2009-04-24 08:49:52			

Note: The file manager is limited to displaying 200 files at a time. Folders are not included in this limit.

Completing Overview 13

MUD 13 (My Understanding, Details)

Respond in the class D2L Discussion forum to the following:

What topics, if any, during this time frame do you feel very comfortable with? Why?

What topics, if any, during this time frame do you not feel comfortable with?

- Participation Discussion 13 Respond in the class D2L Discussion forum to the following:
What is your capstone lab (portfolio) topic?
-

For the next time frame:

- Read Overview 14
- Each test has a review; you may wish to write out pertinent information from the readings and activities
- After completing this overview, you should be working on Lab 10