# **A6.1 - A Change of Color**

## **Purpose**

In this assignment, you'll use a single stylesheet to change colors and fonts styles across multiple HTML documents.

## **Requirements**

Work through the following steps, paying attention to each step in detail. If you have questions—or need clarification—make sure you ask. However, make sure you try and work through each step as much as possible before asking.

### **Preparation for a6\_1**

Edit a5\_1 by correcting/adding suggestions from Ms. Bane. Also go through the code of html.html and css.html to make sure that you have the correct div elements. Ms. Bane sent you a template via email and also posted it on Google Docs in the HTML5 Code Template.

### **Task 1: Download Your a5\_1 Folder from GitHub as a .zip File**

1. After fixing any problems from a5\_1, you are going to make a copy of your a5\_1 folder. There are multiple ways to do this. This is the least “techie” way to do it. James and Austin won’t approve, but too bad!
   1. Go to the main directory of your repo. You should see a green Code button. Click on it and choose Download .zip (This will download the entire directory into your computer’s Downloads folder.)
   2. Go to your computer’s Downloads folder, click on the zipped repo folder to extract it. Go to the a5\_1 folder and rename it to a6\_1.
   3. Take out any unnecessary files: comments from me, saved copies of instructions, extra photos, and so on.
   4. Your folder should contain only: index.html, html.html, css.html and the images folder containing one jpg photo and one png graphic
   5. Go back to GitHub and click on Add Files. Click on Upload Files. Drag and drop the renamed a6\_1 folder into the GitHub drop box.
   6. Go back to your computer’s Downloads folder and delete the zipped folder and any extracted files.
2. If you are using your own repository, the folder name is **a6\_1**.
   1. If you are using my Assns repository, the folder is **a6\_1-[yourlastname]**.

### **Task 2: Open Up a6\_1 and Check GitHub Pages**

1. Open a new browser tab/window, and type in the URL
   1. [your\_user\_name].github.io/[your\_repository\_name]/a6\_1/index.html
2. Can you see your index page? If so, you’re ready to go.
   1. If not, take a look at the instructions for how to set up your repository to work with Pages: [Quickstart for GitHub Pages - GitHub Docs](https://docs.github.com/en/pages/quickstart)

### **Task 3: Double Check Navigation**

1. Make sure that all three HTML documents (index, html, css) have the **id** attribute with the value of **"nav"** applied to the opening **ul** tag.
2. Check that your links all applied properly and working as they should.

### **Task 4: Create CSS Folder and Document**

1. On your local computer, in either the Documents folder or Downloads folder, create a new folder. Name it **css**.
2. Open Notepad and create a blank document. Save it in the **css** folder as **site.css**
3. Go back to GitHub and the a6\_1 directory and upload the **css** folder to it.

### **Task 5: Stop and Check**

1. Your a6\_1 directory should now have the following:
   * css.html
   * html.html
   * index.html
   * css folder
     + site.css
   * images folder
     + photo-of-you.jpg
     + css-syntax\_2.png

### **Task 6: Working with CSS**

In the site.css document, you need to add the following rules:

#### Styling the Background and Text

1. Add a rule that has a **body** selector with the following declarations:
   1. The **background-color** should be a gray with the value of **#cccccc**
   2. The **font-family** should be set to **Helvetica, Arial, sans-serif**
2. All text heading levels (**h1**-**h6**) should have a **font-family** of **Georgia, serif**
   1. **Note:** you need to use the combination selector (,) for the text headers
3. All **p** and **li** selectors should have a **line-height** of **1.25em**
4. The **p** selector that has a *child* **em** selector should have a **font-weight** **bold**
5. Set the **ul** selector with the ID selector (**#**) of **nav** to a **background-color** value of **#dddddd**

#### **Styling Anchor Elements**

1. Set the **a** selector to: **#008b14**
2. Set another **a** selector with the pseudo **:link** to **#008b14**
3. Set another **a** selector with the pseudo **:visited** to **#649a00**
4. Set another **a** selector with the pseudo **:hover** to **#00638b**
5. Set another **a** selector with the pseudo **:active** to **#008b14**
6. Set another **a** selector with the pseudo **:focus** to **#00638b**

### **Task 7: Remove Old CSS**

In the **css.html** document, delete the **style** element and the code changing the **h2** to the color **orange**:

~~<style type="text/css" media="screen">~~

~~h2 {color: orange;}~~

~~</style>~~

In the **html.html** document move (don't simply copy but cut) **only** the CSS into the site.css (but not style element)—remember to delete the style element.

~~<style type="text/css" media="screen">~~

table, tr, th, td{border:1px solid black;}

th, td{ padding: 4px;}

~~</style>~~

In the **index.html** document, make sure there is no style element. If there is one, delete it.

### **Task 8: Linking the Stylesheet**

Last thing is to check to see if we can link our external style sheet to our HTML documents.

#### **Using the link element**

After the **title** element in ***each*** html document (css.html, html.html, and index.html), place a **link** element that finds your **site.css** document *in the css folder*.

#### **Updating the Table in html.html**

While you are linking your stylesheet, don’t forget to update the table with the row for Chapter 6.

#### **Testing Your Site**

Test your site. Did it work?

Compare your pages to the **Screenshots** at the end of this assignment.

### **Task 9: Validation**

Remember to [validate your HTML documents](http://validator.w3.org/)

Oh, and you know that you can [VALIDATE YOUR CSS](http://jigsaw.w3.org/css-validator/#validate_by_upload)?

## **Submission**

You don’t need to submit anything.

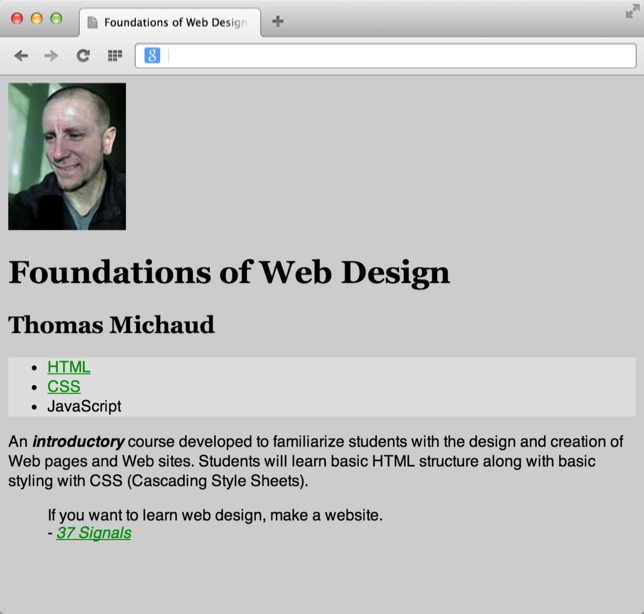
When you are satisfied with your webpages, send me an email giving me:

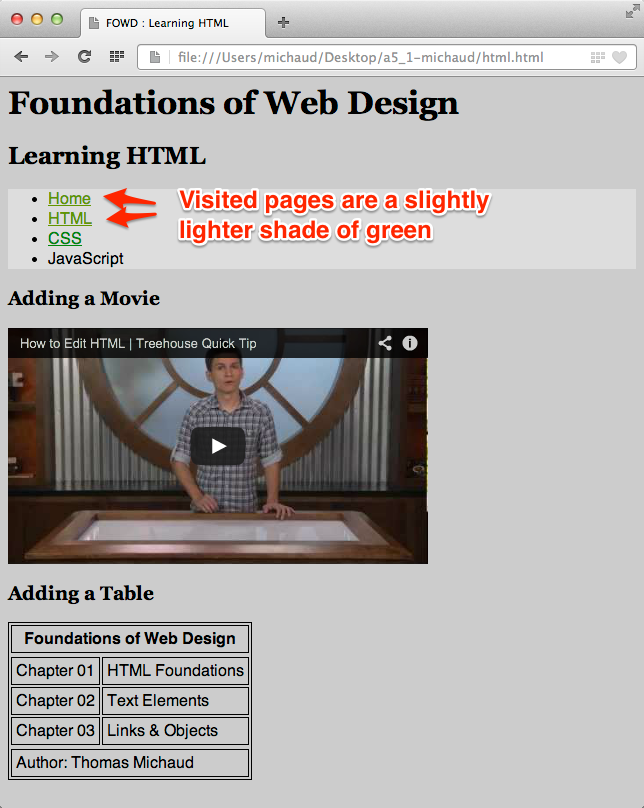
1. A link to your GitHub Pages index.html file
2. A statement about how well your html and css code worked with the validators

## 

## **Screenshots**

Do yours look similar?







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