

SENECA WEBMASTER PROGRAM WINTER 2018 SESSION

Module Number: WWW102
Assignment #2

Instructor: Tim Lai
Title: Webmaster Portfolio
Assigned: June 8
Due date: 9am Monday June 18
Value: 50%

Submission details: This assignment **MUST** be submitted in 2 ways, as specified below. If the assignment is not submitted in both ways or does not follow the specified instructions, it will be considered incomplete.

1. This assignment should appear when we click on your photo on the Webmaster class page and when we view the address **webstudent.senecacollege.ca/your_username**. For this to work, you **MUST** upload the files in the root directory of your assignment to the root directory of your server space using FTP and name your Home page **index.html** so that it will be displayed automatically. *Failure to upload this assignment through FTP will result in a grade of zero.*
2. This assignment must also be uploaded to a **GitHub repository** which I will create for you. When I download this repository, I must be able to access all your source files so that I can ensure that your SASS files compile successfully and work correctly. *Failure to upload this assignment to the GitHub repository will result in a deduction of 5% per day.*

Instructions: You will be creating a website for your **Webmaster portfolio**. The site will form the foundation of nearly all your remaining work in the program. It will be an expression of you, so keep that in mind and design it accordingly. This will be your client's first point of contact with you. Your portfolio is at least 2 pages, a distinct **"Home"** page and a **"Modules"** or **"Projects"** page that lists each module and homework assignment.

The content of the **Home** page is a brief introduction to you. The goal here is to help people get to know you, and to "sell" yourself. You should use **real content** (i.e. not lorem ipsum) which you have written yourself. Review this content to ensure you are using correct spelling and grammar and professional language as this will be taken into consideration. The **Modules/Projects** page (choose a name that you like) **MUST** include links to every homework assignment which you

have completed so far. You will add links to this page as you complete assignments and this is how your assignments will be accessed going forward.

All pages should be linked to each other with a **common menu** which includes a link to an **empty directory** called “**client_name**” which will hold your “**Client Area**” for your client work (upcoming). You will rename this directory with your client’s name once you have been assigned a client. There should also be a **link to your public GitHub profile** which opens in a new tab/window when clicked and uses a **Font Awesome icon** for the GitHub logo. This link does not need to be in the common menu and could go somewhere else, such as the footer. You have been provided with a sample folder structure with an example **index.html** page, **modules.html** page, **modules** directory and **client_name** directory.

All styles must be written using **SASS** (SCSS or SASS syntax) to generate a compiled, **minified CSS file** which can be linked to from your HTML. *DO NOT USE ONLY REGULAR CSS, DO NOT LINK TO YOUR SCSS FILE AND DO NOT LINK TO AN UNMINIFIED CSS FILE.* ALL **colors**, **fonts** and **font sizes** MUST be defined as variables inside of a **_variables.scss** partial file. You will lose marks for any colors, fonts or font sizes which are not defined as variables and for any variables which are defined outside of the **_variables.scss** file. Include at least **1 mixin** in a **_mixins.scss** partial file and at least **1 function** inside a **_functions.scss** partial file. It does not matter what your mixins or your functions do, and you may copy any of the ones which we created in class. However, you must successfully call your mixin and your function in addition to defining them. You will lose marks for any mixins or functions which are defined but are not called and for any mixins or functions which are defined outside of their respective partial files. You will not receive marks for mixins or functions which are called but not defined. Your site should have **2 separate colour schemes** which are defined using an **@if @else statement** and can be switched between using a **Boolean** (true/false) variable which acts as the condition of the **@if @else statement**. For the purposes of this assignment, a colour scheme could be just one background or text colour. This could be combined with your mixin or function. You should also include at least **1 media query** to demonstrate your understanding of them. It does not matter how the media query is used and the site does not need to be responsive. *DO NOT USE A PREBUILT RESPONSIVE COMPONENT LIBRARY SUCH AS BOOTSTRAP OR FOUNDATION FOR ANY OF YOUR CODE.*

In a comment at the bottom of your **_main.scss** file, write an **explanation of what SASS is** and list and describe EVERY **SASS data type** in **your own words**. Run your explanation and descriptions through a **plagiarism checker** and include the amount of plagiarism found in the comment. You should also **cite sources** for your explanation and descriptions. You may cite the textbook, *Jump Start SASS*, other textbooks, or credible online sources such as the SASS documentation. *DO NOT SIMPLY COPY/PASTE FROM MY NOTES OR CITE THEM AS A SOURCE.*

Your site must be built in either **Atom** or **Visual Studio Code** and you must use a **SASS compilation** package or plugin such as “**sass-autocompile**” for Atom.

Deliverables:

- At least 2 HTML pages: **Home (index.html)** and an **Assignments/Modules/Projects** page
- An **empty directory** called **client_name** for your **client area** (upcoming)

- A clear, readable and usable **navigation bar** or **menu** which links to **all pages** and the **client area**
- Real content that you have written yourself with professional spelling and grammar
- A link to your public **GitHub profile** page using the **Font Awesome icon** for the GitHub logo
- An external, **minified CSS file** built using **SASS**
- Use of **SASS nesting** where appropriate
- ALL **colors, fonts** and **font sizes** defined as **variables**
- **2 separate colour schemes** which are defined with an **@if @else statement** and can be switched between with a **Boolean variable** (true/false)
- ALL variables defined in a **_variables.scss** partial file
- At least **1 mixin** defined in a **_mixins.scss** partial file
- At least **1 custom function** defined in a **_functions.scss** partial file
- At least **1 media query** defined anywhere in the **main.scss** file
- An **explanation of what SASS is** and a list of **every SASS data type** with **descriptions of each** in **your own words** with the **amount of plagiarism** found and your **sources cited**
- Accessibility considerations for non-standard users (blind, assistive devices, etc.)

Grading breakdown:

- Styling choices with SASS and execution of SASS techniques **(45%)**
- Explanation of SASS and list of data types with descriptions of each **(15%)**
- Appropriate markup choices and clean, consistent code **(10%)**
- Accessibility choices, colour contrast, alt text etc. **(10%)**
- Correct links, folder structure, file/folder names etc. **(10%)**
- GitHub link using Font Awesome icon **(5%)**
- Spelling, grammar and overall professionalism of content **(5%)**

Your files should contain only valid (as determined by the W3C validator) HTML code. You can use invalid code in the HTML but if you do, you must include a comment beside the invalid code explaining your decision. *You will lose 2% per uncommented validation error.* Relevant CSS validation will be performed by your SASS compiler. Your SASS file **MUST** compile when saved, using the “sass-autocompile” package for Atom. *You will lose 2% per compilation error, commented or not.*

Late Policy

All late assignments will be given a grade of zero. For a full discussion of the late policy see <http://webmaster.senecacollege.ca/class/docs/webmaster-late-assignment-policy.pdf>

Plagiarism

There are serious penalties for cheating and plagiarism offences and you are expected to be aware of our Academic Honesty Policy. Please refer to the Academic Policy at <http://www.senecacollege.ca/academic-policy/acpol-09.html> for more information.