



GINA CODY SCHOOL OF ENGINEERING AND COMPUTER SCIENCE  
COURSE CODE: SOEN-287 (Section S)  
COURSE TITLE: Web Programming  
SEMESTER: Winter 2024

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INSTRUCTOR:	Dr. Bonaventure Chidube Molokwu
ASSESSMENT TITLE:	Assignment 01
ASSESSMENT CODE:	SOEN-287-S-A01
DURATION/DEADLINE:	11.59pm, Friday, February 9

**Question (20 points):**

Taking into consideration that the Summer internships are fast approaching; thus, you need to prepare and present yourself, to your potential employers and recruiters, as a *Web Designer* who understands the fundamental rules and syntaxes of writing standard XHTML and CSS codes for webpages and websites. In this regard, your webpages and website(s) MUST be in standard XHTML and be compatible across major web browsers (or user-agents) for surfing the World Wide Web (WWW), irrespective of the Operating System (OS) platform.

Therefore, your first task is to design a (*static*) personal website for yourself. Your personal website MUST be functional and be comprised of six (6) interlinked *static* webpages (*.html* files). This task is based on the concepts and knowledge acquired from the lessons and course textbooks thus far. Kindly populate each *.html* webpage in your website folder as required and as stated below. To this effect, your website folder MUST be renamed to: **LastName\_StudentNumber** (e.g. *Molokwu\_12345678*), and each webpage MUST be styled using either **Style-A** or **Style-B** layouts as defined below.

Table 1: **Style-A** layout (banner menu layout)

Home	Resume	Projects	Contact	Social	Admin
Body content					

Table 2: **Style-B** layout (left-panel menu layout)

Home	Body content
Resume	
Projects	
Contact	
Social	
Admin	

**Home (*index.html*) - 2.5 points:**

Your [home](#) page should contain the following data and XHTML tags, viz:

- (i) An image of yourself, using at least the `<img />` tag, which must be aligned to the center of the webpage (*0.5 point*).
- (ii) A professional statement about yourself, with respect to your career objectives and goals, using the `<div>` tag. Thus, the alignment of this textual information must be centered with respect to the layout of the webpage (*1 point*).
- (iii) A brief bio (or summary) about yourself which highlights your potentials and/or capabilities, using the `<div>` tag or any tag of your choice. Hence, the textual data/information must be justify-aligned with respect to the webpage layout (*1 point*).

**Resume (*resume.html*) - 5.5 points:**

Your [resume](#) page should contain the following data and XHTML tags, viz:

- (i) A chronological list depicting your education and the respective qualification(s) obtained, using at least the `<dl>` tag, which must be left-aligned with respect to the webpage layout (*1 points*).
- (ii) A list of the professional and technical skills you have already acquired, using at least the `<dl>` tag, and these must be left-aligned with respect to the webpage layout (*1 points*).
- (iii) A list of your awards and recognition (academic & professional), using at least the `<ol>` tag, which must be left-aligned with respect to your webpage layout (*1 points*).
- (iv) A list of your work experience (volunteering activities, previous internships, previous job positions, etc.), using at least the `<ol>` tag, which must be left-aligned with respect to the webpage layout (*1 points*).
- (v) A list of your referees for reference purpose(s). You can implement any tag of your choice in this regard. However, the textual data/information must be left-aligned with respect to your webpage layout (*1 points*).
- (vi) A conspicuous button labeled: “Download Full CV” (*0.5 point*).

**Projects (*projects.html*) - 2.5 points:**

Your [projects](#) page should contain the following data and XHTML tag, viz:

- (i) A list of all the projects (publications, term projects, research, etc.) you have accomplished in the past ten (10) years, using the `<ol>` tag or any tag of your choice, which must be justify-aligned with respect to the layout of your webpage. Additionally, this list MUST be in descending order (using Natural numbers in descending order). In other words, your projects’ list should start with the most recent to the oldest (*2.5 points*).

**Contact (*contact.html*) - 4 points:**

Your [contact-me](#) page should contain the following data and XHTML tags, viz:

- (i) A name field, using the `<input>` tag, which must be left-aligned with respect to the webpage layout (*1 points*).

- (ii) An email field, using the `<input>` tag, which must be left-aligned with respect to the layout of the webpage (1 points).
- (iii) A phone-number field, using the `<input>` tag, which must be left-aligned with respect to the webpage layout (1 points).
- (iv) A message box, using the `<textarea>` tag, which must be left-aligned with respect to the webpage layout (1 points).

**Social (*social.html*) - 3 points:**

Your [social-media](#) page should contain the following data and XHTML tags, viz:

- (i) An image map using the “*social\_media\_icons*” image below. Also, use the `<img>` and `<map>` tags to accomplish this goal, and make at least any three (3) of the social icons clickable and redirecting to their respective official website or platform. You may point it to your personal profile on the target platform if you so wish (1 point per image map).



Figure 1: *social\_media\_icons*

**Admin (*admin.html*) - 2.5 points:**

Your **admin** page should contain the following data and XHTML tags, viz:

- (i) A user-name field, using the `<input>` tag, which must be justify-aligned with respect to the webpage layout (*0.5 points*).
- (ii) An password field, using the `<input>` tag, which must be justify-aligned with respect to the layout of the webpage (*0.5 points*).
- (iii) A conspicuous button, strictly using the `<input>` tag, which must be justify-aligned with respect to the aforementioned user-name and password fields (*1.5 points*).

**Rules for Acceptable Submission**

- (1) Every valid submission MUST be submitted as a compressed directory/folder (*.zip*) file via Moodle<sup>TM</sup>.
- (2) Validate each of your webpage via the [W3C Markup Validator](#); and ensure that all errors are fixed prior to submission on Moodle<sup>TM</sup>. Each validation error is mapped to *-1.0 point*.
- (3) You MUST use and maintain a consistent filenames standard with respect to the constituent webpages of your website directory/folder. Note that you MUST rename your website folder to: **"LastName\_StudentNumber"** prior to upload and submission via Moodle<sup>TM</sup>.
- (4) Capital alphabets are not acceptable when naming a file or within a XHTML command. Everything, aside the textual content of each webpage, MUST be in lowercase. All XHTML tags MUST be in lowercase standard.
- (5) A functional webpage should have at least 7 lines of textual (standard screen size) content with exception to the *admin.html*, *contact.html*, and *social.html* pages.
- (6) Avoid spelling/grammatical errors; and maintain a uniform background color across webpages.
- (7) Any form of advertisement whatsoever is unacceptable.
- (8) Any type of pornographic or nude content whatsoever is unacceptable.
- (9) Since a webpage cannot be dismembered; it MUST always have one (1) `<head>` section and one (1) `<body>` section in that order.
- (10) No commercial/public webpage(s) or website(s) of any kind will be accepted. A score of zero (0) will be awarded if this rule is broken.
- (11) This is strictly an individual project/task. Thus, each student's submission MUST be unique such that the content of your website and webpages MUST reflect and be your original work. Plagiarism of any form or kind will result in a score of zero (0).
- (12) All the aforementioned rules are associated with *penalty points* when/where broken. Thus, those *penalty points* which have not been explicitly stated herein are subject to the instructor's discretion; and they will be reported to any defaulting student after grading, if/where necessary.
- (13) Kindly review the course outline for the university's policies regarding Academic Integrity and Student Code of Conduct - <https://www.concordia.ca/academics/undergraduate/calendar/current/17-10.html>