



COMP1223 Web Development Fundamentals

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Individual Assignment

**Date: Saturday, October 31, 2020 (11:59 PM)**

## Introduction

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This assignment will demonstrate your ability to create a website using HTML5 and CSS3. This assignment will play multiple vital roles inside and outside of the school, such as:

- Help you put together a personal portfolio, either for job hunting after school or continuing with graduate school.
- Help you to familiarize or improve your HTML5 and CSS skills.
- Learn how to use effective designs in creating web pages.
- Gain experience using HTML5 semantic elements.
- Demonstrate your knowledge in HTML5 semantic tags, lists, images, links, and text.
- Demonstrate your understanding of CSS.
- Follow instructions and pay attention to the details.

## Goals and Outcomes

Using only HTML5 and CSS3, create five (5) or more personal web pages.

## Task

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First Page: The “Home” page (index.html) should provide

- 1. A common menu with active links to all other pages
- 2. Greetings to the visitor.
- 3. Add a brief purpose of the web site.
- 4. And a brief statement(s) about yourself.

Second Page: The “Resume” page (resume.html) should provide

**[Marks 20]**

- 1. A common menu with active links to all other pages
- 2. The page must contain the following sections:
  - ○ Education
  - ○ Relevant Coursework – course code and a brief description of each course you take this semester plus the list of their assessment (quiz, assignment, exam, etc.)
  - ○ Professional Experience
  - ○ For each job, include a list of accomplishments using bullet-points, an unordered list (past tense if you no longer work at that position and present if you are still currently employed there).
  - ○ Skills
  - ○ Activities
  - ○ Create internal navigation to different parts of your resume (education, relevant. The visitors must be able to navigate your resume up on down using provide links. (bookmarks)

Third Page: The “HTML5 Tables” page (tables.html) should provide. **[Marks 35]**

1. A common menu with active links to all other pages
  - o Code five (5) table examples - separated by a horizontal rule `<hr />` the table examples must be in the following order:

1. Table example 1

This table example will demonstrate the usage of the following

- o table attributes: using CSS (width - cellpadding - cellspacing - alignment - border – bgcolor)
- o The table will have two (2) columns x seven (7) rows
- o the first row is used for column headings (Attribute, Values)
- o subsequent rows - column one shows the table attribute, and the second column shows the different values/format for the attribute

2. Table example 2

This table example will demonstrate the usage of colspan, rowspan and cell alignment (vertical and horizontal)

- o The table will have four (4) columns x six (6) rows.
- o The text within cells must be meaningful.

3. Table example 3

This table example will demonstrate the usage of nested tables - side by side

- o For this example, you need three (3) tables - one table with one (1) row x two (2) cells - each cell will have a table.
- o the inner left nested table will have a caption appearing at the top, and the inner right nested table will have a caption appearing at the bottom | use CSS to set caption position.
- o both inner nested tables will have borders
- o the inner left nested table will have two (2) columns x two (2) rows
- o the inner right nested table will have two (2) columns x three (3) rows
- o the text within cells must be meaningful.

4. Table example 4

This table example will demonstrate the usage of an image within a table cell

- o the table will have one (1) column x one (1) row
- o Insert the George Brown logo in the cell. Use figure and figcaption.



- o Include your full name and your George Brown email address below the image.

5. Table example 5

This table example will demonstrate the usage of the following

- o text alignment - vertical and horizontal
- o the text to be used is COMP1223
- o make sure to use CSS for different options associated with align and valign on the tr and td tags

Fourth Page: The “HTML5 Lists” page (htmlList.html) should provide **[Marks 25]**

1. common menu with active links to all other pages
2. five (5) list examples - in the order shown below - separated by a horizontal rule `<hr />`
3. the text for the different lists examples must be different and must be meaningful.

4. the list examples must be in the following order:

- **List example 1** - ordered lists (use as a table caption)  
use a table and show the five (5) different ordered lists  
**type='1' - type='a' - type='A' - type='i' - type='I'**
- **List example 2** - unordered lists (use as a table caption)  
use a table and show the three (3) different unordered lists (use CSS)  
**type='disc' - type='circle' - type='square' - image** (list-style-image -create or download)  
use a table and show the three (3) different unordered lists (use CSS)
- **List example 3** - definition lists (use as a table caption)  
use a table and show one (1) example of a definition list
- **List example 4** - nested ordered list (use as a table caption)  
use a table and show one (1) example of a nested ordered list
- **List example 5** - nested unordered list (use as a table caption)  
use a table and show one (1) example of a nested unordered list

Fifth Page: The “Contact” page (contact.html) should provide **[Marks 10]**

- 1. A common menu with active links to all other pages
- 2. a link to your George Brown email address with the subject: assignment 2
- 3. Write your student id, first and last name in the email body when the link is clicked.
- 4. A Google Map (does not need your real address inputted). For help with adding a Google Map, check here: <https://youtu.be/BX0OCk0E8ZM>

### General Guidelines

- All the pages must fit together (a clear theme going from page to page)
- MUST BE VALID HTML5 (no other version accepted)
- The entire site can be centred in the browser window (optional)
- CSS must be used to format all your web pages
  - Try to use CSS for any styling element such as `<strong>`, `<em>`, `<font>` or `<center>`
- You cannot use absolute URLs unless you are referencing another website.
- All file names must be in lowercase, and only (a-z,0-9\_.) can be used for file names (universal standard).
- The images MUST be stored in “public\_html/comp1223/assignments/assignment2/images/”
- Your website should be easy to read and navigate.
- Layout and design must be consistent throughout the site
- If you are uncomfortable posting information about yourself online, you may use a fictional name and change dates/locations. But it must be your content, and you CANNOT copy it from the internet.
- Your HTML and CSS must be validated. You must add the following code to all your html pages before the `</body>` tag: `<script src=https://my.gblearn.com/js/loadscript.js></script>`



**Your assignment will receive a zero if you do not include the above script to all your assignment two HTML pages.**

## Design Criteria

You must use AT LEAST ONE (1) **external CSS file** for styling. The CSS file must have the following rules:

**[Marks 10]**

1. font-weight
2. font-family
3. font-size
4. font-style
5. font-decoration
6. background-color
7. background-image
8. border-style
9. border-color
10. width
11. height
12. text-decoration
13. text-align
14. text-transform
15. first-letter (use this to capitalize the first letter on each of your content pages)
16. a:hover (use this to change the color of a link when the mouse moves over it)

**Mark dedications: You may lose marks :**

Specification	You Lose Marks For
Indentation and comment	<b>(-2)</b> marks for improper indentation or spacing.
Proper title and meta tags (author, keywords, and description)	<b>(-2)</b> marks for improper meta tag or missing meta tag
Navigation Menu is in the same location on all pages	<b>(-1)</b> mark per page with improper menu location <b>(-2)</b> marks for inappropriate menu options or style
Layout/Design	<b>(-5)</b> marks for lack of fluidity <b>(-5)</b> marks for improper design
Naming Files and Folders	<b>(-3)</b> marks for a misnamed file or folder
Assets such as pictures and external CSS are stored in separate folders.	<b>(-5)</b> marks for any misplaced assets
Valid HTML5	<b>(-25)</b> marks for the invalid page

## Submission

- Upload the assignment to your GBLearn account before the due date. All assignment two related files (HTML/image/CSS) must be inside `public_html/comp1223/assignments/assignment2/` folder.
  - Test your assignment on [gblearn.com](http://gblearn.com) and make sure all pages have valid HTML5/CSS.
  - Make sure to notify your lab instructor about the completion of assignment two by login to [my.gblearn.com](http://my.gblearn.com). Select the comp1223 and assignment two from the drop-down menu and click on the submit button.
5. Changing any files in assignment two after the due date will be considered a late submission.
  6. You must submit your assignment on the due date based on instructions given by the professor. Late submission will be penalized 10% per day to a maximum of seven days, the weekend included, unless the student has notified the professor (via email, phone or in person) ahead of the due date that he/she has a valid reason for a late submission.