Adobe Dreamweaver CC
Assignments
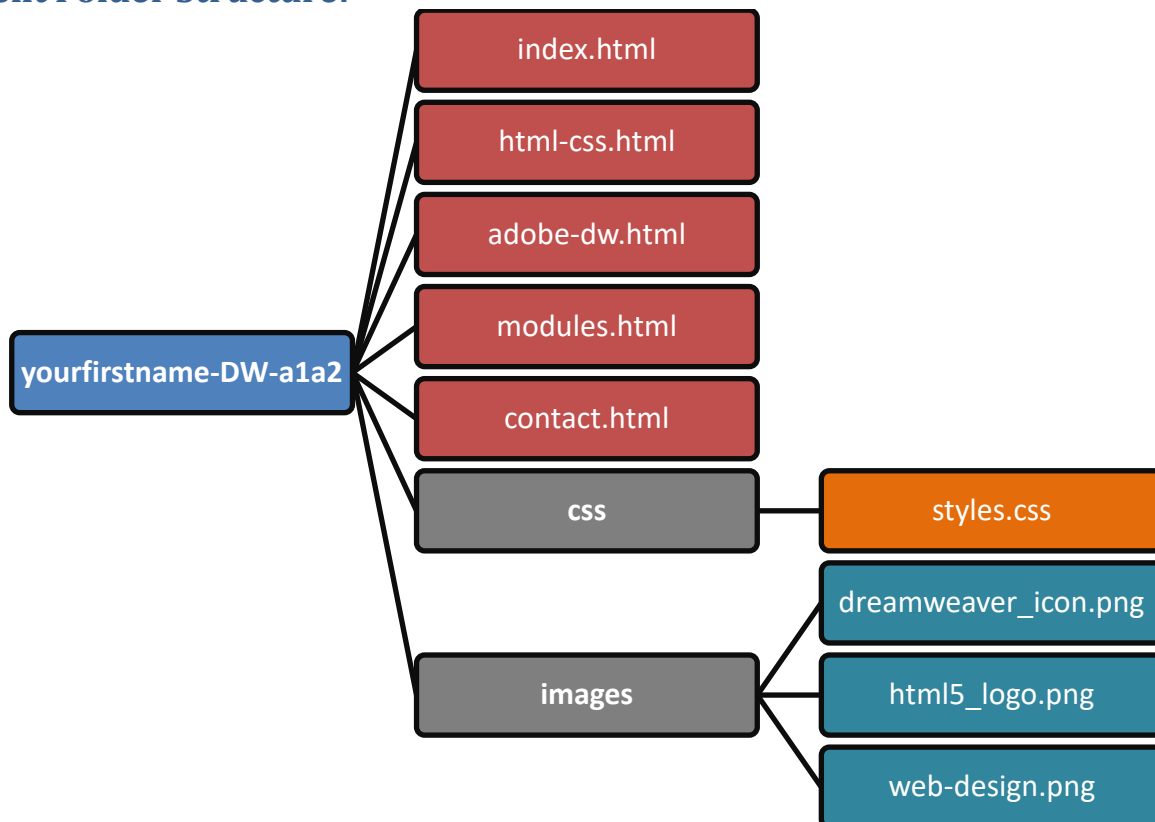
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Name: _____   **Mark:** _____/100

Important Notes:

- **The assignment must be done individually. Do not share your work with others, it's not a group assignment**
- You can ask me if you can't understand any question only, I can just clarify it but I can't give an answer
- The assignment should be **submitted (uploaded to your online private shared folder in Brightspace) before the due date** in order not to lose marks *(Please inform me if you have any issue in accessing your online private shared folder)*
- Follow the **exact naming rules** for all your assignment files as explained in the instructions and shown in the diagram
- **After finishing the assignment**, you will end up by a **folder** named **"yourfirstname-DW-a1a2".** (a1a2 stands for assignment 1 and assignment 2 together) which you will have upload to your online private folder. **This folder should contain all the files and the subfolders of your assignment** as shown in the diagram below

Assignment Folder Structure:

(5 Marks)

Assignment Contents:

- This one long major assignment contains the **instructions for both assignments (1 and 2)**, so you will build it gradually during the module based on the lesson that we cover in each day
- It will be a demonstration of your skills in creating a **micro website which is consisted of 5 pages that talk about HTML and Adobe Dreamweaver**

- All the required files for the assignment like the e-copy, images, videos, and audios will be given to you (if needed) in the online shared folder

Assignment Instructions:

1. You will need to **follow the official Dreamweaver steps for creating a new web site** folder and to be added to Dreamweaver Sites management window
2. Also, you should **specify the default image folder** using the **"Advanced Settings"**
3. You can **copy all the paragraphs** and the titles from the **e-copy of the assignment (the pdf file)**
4. Don't use the colour names like "red" or "blue" in CSS, **use hex, RGB, or RGBa values** instead, for more ideas about selecting your colours or **the general website theme**, you can use Adobe Color CC: **color.adobe.com**
5. The **website colour themes** should be selected professionally to look **elegant and harmonized**
6. All the assignment files and **subfolders** must be **inside** a **root folder** with the name: **yourfirstname-DW-a1a2**
7. The website will be consisted of **5 html pages as described below**:
   a. The link name in the navigation is **Home** and the actual file name is **index.html**
      And so on for the rest of the pages:
   b. **HTML and CSS: html-css.html**
   c. **Adobe Dreamweaver: adobe-dw.html**
   d. **Our Modules: modules.html**
   e. **Contact Us: contact.html**
8. The Doctype should be **HTML5**
9. All the CCS rules have to be **external (in a separate .CSS file inside a subfolder "css")** as shown in the diagram
10. All your code in all the pages should be **free of warnings and errors** by using Dreamweaver feature to connect your page with the online validation tool of W3C
11. Use **Dreamweaver feature to check all the hyperlinks** in your website to make sure that there is no any broken link
12. Use **Dreamweaver Spelling feature** to make sure that all your text has no spelling mistakes
13. **You can use any way you prefer to answer the assignment questions: *Code view, Design View, Live View, CSS Designer, or just coding* with the Developer workplace**
14. You will have to follow the general CSS rules instructions first and you can apply your own ideas about some of the contents in each page.
15. Use **Dreamweaver image properties (properties window: (PC) CTRL / (Mac) COMMAND + F3)** to resize (change the width and height) the image to any size you prefer to fit nicely inside the webpage. Notice that Dreamweaver will also modify the actual size of the image based on the values you specify in the properties window.
    Notes:

- *for the first two points, I will need to check the answers on each student's computer*

- *There are no too much details in this assignment mainly with CSS instructions, as at this level of knowledge you should have the required experience to apply your own personal touch to this website*

(10 Marks)

General Contents and Rules for All Pages:

1. All pages have the following **Official HTML5 template** and layout plus the **extra HTML5 layout elements and the classes and id names**:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <title>Home page</title>
</head>
<body>
    <div class="container">
        <header id="page-header">

        </header>

        <aside class="sidebar">
            <nav id="main-nav">
                <!-- place your main navigation items here as explained in the instructions -->
            </nav>
        <aside>

        <section class="content">
<!--place your main page contents here as explained in the instructions for each individual page-->
        </section>

        <footer class="page-footer">

        </footer>
    </div>
</body>
</html>
```

2. Write an appropriate and short **<title>** for each page based on your opinion

Header Element Content:

Header 1: Introduction to Web Development

Header 2: Dreamweaver Assignment

Navigation Element Content:

Navigation Menu <nav> that contains the following unordered list with the required hyperlinks code to each page:

- **Home** ➔ Hyperlink to **index.html**
- **HTML and CSS** ➔ Hyperlink to **html-css.html**
- **Adobe Dreamweaver** ➔ Hyperlink to **adobe-dw.html**
- **Our Modules** ➔ Hyperlink to **modules.html**
- **Contact Us** ➔ Hyperlink to **contact.html**

Footer Element Content:

Write the following content in **one line**:

Copyright © 2021 Canadian Business College - DW assignment 1 and 2 - designed by: Your Full Name - All rights reserved
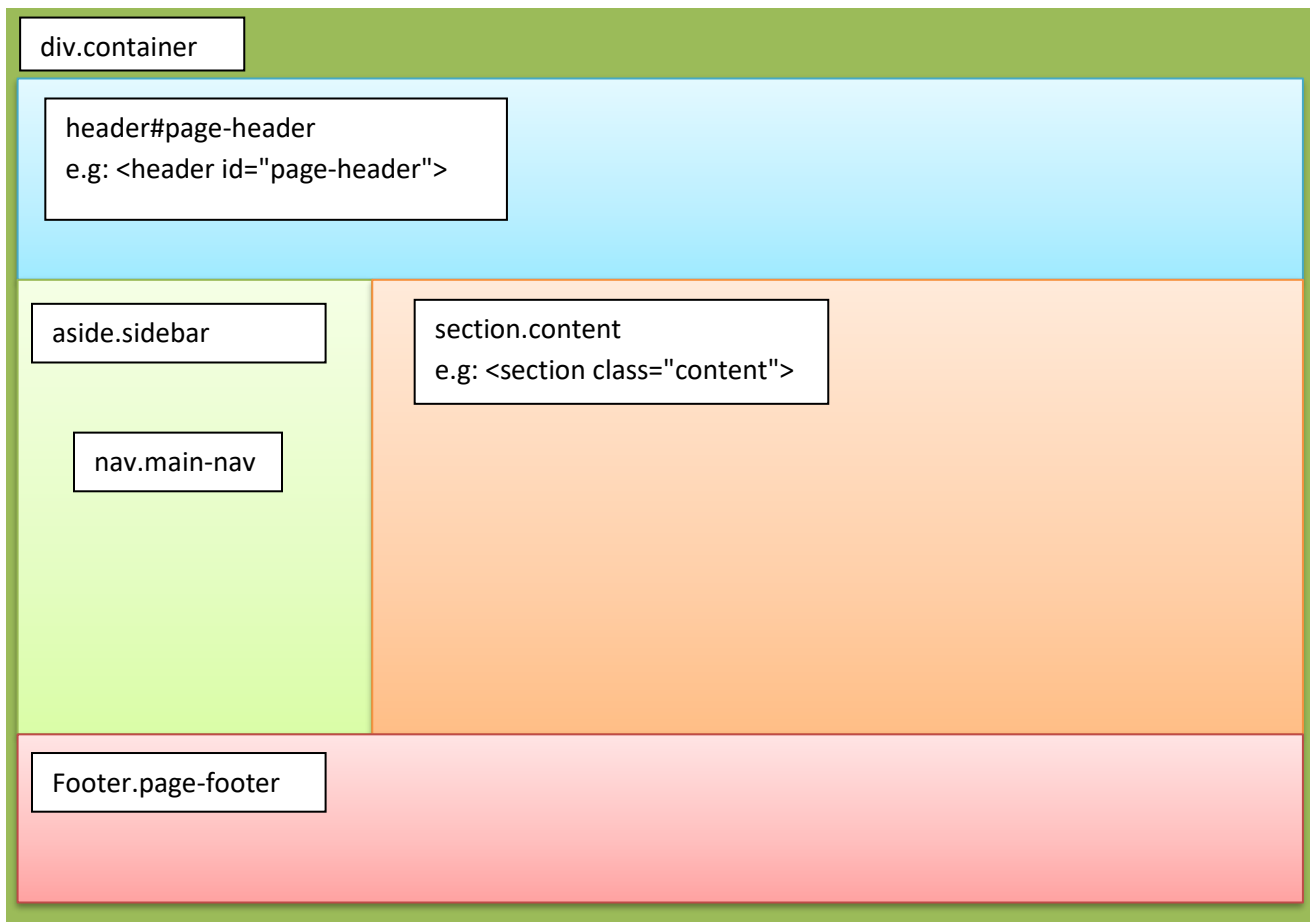
(10 Marks)

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Important Notes:

✓ **You will need to add the needed paddings or margins using any values your prefer to indent the contents within the header, aside, and section**

✓ **Use the CSS3 boxing options to let the padding being applied within the box itself without expanding its width**

✓ **In order to be able to answer some of the assignment questions and solve the CSS tricks, you can refer to the code of our websites that we had built using Adobe Dreamweaver CC**

Page Layout:

Below is the general diagram of the page layout just to show you the positions and the hierarchy of all the main block-level element:

div.container

header#page-header
e.g: <header id="page-header">

aside.sidebar

section.content
e.g: <section class="content">

nav.main-nav

Footer.page-footer

Home Page (index.html):

This page could have the following contents with the same order (a heading, a paragraph, and an image), but you can style/position them as you like:

1. **Heading 2:**

```
<h2>Welcome to HTML5</h2>  ⬅ Example
```

Welcome to HTML5

2. **Paragraph:**

HTML5 is the latest evolution of the standard that defines HTML. The term represents two different concepts. It is a new version of the language HTML, with new elements, attributes, and behaviors, and a larger set of technologies that allows the building of more diverse and powerful Web sites and applications. This set is sometimes called HTML5 & friends and often shortened to just HTML5.

3. **Image:**

(10 Marks)

HTML and CSS Page (html-css.html):

This page could have the following contents with the same order but you can style/position them as you like:

1. **Heading 2:**

Why you need to use HTML5

2. **Unordered List:**

- Designed to be usable by all Open Web developers, this reference page links to numerous resources about HTML5 technologies, classified into several groups based on their function.
- Semantics: allowing you to describe more precisely what your content is.
- Connectivity: allowing you to communicate with the server in new and innovative ways.
- Offline and storage: allowing webpages to store data on the client-side locally and operate offline more efficiently.
- Multimedia: making video and audio first-class citizens in the Open Web.
- 2D/3D graphics and effects: allowing a much more diverse range of presentation options.
- Performance and integration: providing greater speed optimization and better usage of computer hardware.
- Device access: allowing for the usage of various input and output devices.

3. **Image:**

(10 Marks)

Adobe Dreamweaver Page (adobe-dw.html):

This page should have the following contents also with any order your like:

1. Heading 2:

Adobe Dreamweaver CC

2. Paragraph:

Adobe Dreamweaver is a trademarked web development tool from Adobe Inc. It was created by Macromedia in 1997 and developed by them until Macromedia was acquired by Adobe Systems in 2005.

3. Image:

(10 Marks)

Our Modules (modules.html):

This page should have the following contents:

1. **Heading 2:**

Our HTML and CSS Module

2. **Paragraph:**

Our HTML Learning Area features multiple modules that teach HTML from the ground up — no previous knowledge required.

3. **Definition list:** ⬅ **Similar to the HTML/CSS major assignment**

Definition title: Introduction to HTML

Definition data: This module sets the stage, getting you used to important concepts and syntax such as looking at applying HTML to text, how to create hyperlinks, and how to use HTML to structure a web page.

The same structure as above ⬆

Multimedia and embedding
This module explores how to use HTML to include multimedia in your web pages, including the different ways that images can be included, and how to embed video, audio, and even entire other webpages.

HTML tables
Representing tabular data on a webpage in an understandable, accessible way can be a challenge. This module covers basic table markup, along with more complex features such as implementing captions and summaries.

HTML forms
Forms are a very important part of the Web — these provide much of the functionality you need for interacting with websites, e.g. registering and logging in, sending feedback, buying products, and more. This module gets you started with creating the client-side/front-end parts of forms.

1. **Heading 2:**

Our Adobe Dreamweaver Module

2. **Paragraph:**

Adobe Dreamweaver modules features the important tools that DW provides as an advanced IDE (Integrated Development Environment)

(10 Marks)

Contact Us Page (contact.html):

This page should have the following contents:

1. **HTML Form:**
- You will determine the appropriate attributes and their values of the form element
- Below are the fields that you need to add. add the sign "*" beside all of them as they are all required fields
  - **Inside Label: First Name** ➡ **input field:** [Required Field + maximum characters = 30]
  - **Inside Label: Last Name** ➡ **input field:** [Required Field + maximum characters = 30]
  - **Inside Label: Email** ➡ **input field:** [Required Field + email input type + maximum characters = 35]
  - **Message** ➡ **textarea** [Required Field with any size you prefer]
  - **Two Form Buttons (input elements): "Submit"** and **"Reset"**

(15 Marks)

Style your page using (CSS):

You will create a new ==external CSS file== named "styles.css" that is linked to ==all the 5 pages==. Notice that you can start by creating an external CSS file at the beginning or you can just start by using the internal style for one page then use DW options to move these internal styles to an external file. Don't forget to link all the HTML pages to the external CSS file.

All Elements:

o   Margin of 0 for all the sides
o   Padding of 0 for all the sides

Note: Remember that by default, the browser adds 40px of padding to the lest side of ul or ol elements, so by changing all the elements to have 0 padding this will definitely change the ul and ol to start at beginning with being shifted to the right by default. This is good to have our links look nice inside the navigation menu.

body element:

o   font family → Any collection of **sans-serif fonts**
o   font size → **100%**
o   Any background colour

All Used HTML5 Elements:

o   Needed to be displayed as block levels (Excepts the ones that you need them to be inline or floating later)

The main div that has class=container (div.container):

o   Width→ 960px or any other preferred width **(Layout icon in the CSS Designer)**
o   Any background colour **(Background icon in the CSS Designer)**
o   Any font colour **(remember that this rule affects all the text/font inside div.container)**
o   Must be –in the centre of the page **(the same margin from left and right side, which means both margins from the left and the right side must be auto)**
o   feel free to use/add **any margins** you like from **top and bottom or you can just leave it to be zero based on the first style**

header element:

o   Any **Gradient background colours** (2 or more merged colours as you prefer).
    Hint: For simplicity, you will need to use the **Dreamweaver gradient tools** in the **CSS Designer** panel
    Tip: Background-image property
o   Text shadow with any styles and settings
o   Text aligned to centre
o   Top and bottom borders **only** with any width, style, and colour you prefer
o   Any collection of **serif font** families

Header h1:

o   Increase the font size to any large value you prefer between 200% to 300% (Remember that the default size for the normal text like the p element is 16px which 100%)
o   Any colour that matches your theme
o   Add **margins from the top and the bottom sides only** with any reasonable values based on your opinion

Header h2:

o   Increase the font size to any large percentage value you prefer but it has to look like smaller than h1 (for sure)
o   Any colour that matches your theme
o   You can also set the top and the bottom margins based on your opinion (if needed, not mandatory)

aside:

o   width → 180px
o   Any background colour
o   Float to the left side

The section element that has class "content" (section.content):

o   width →780px
o   You can use any background colour or you can leave it as it's based on the div.container colour
o   Float to the left side

The unordered list inside the nav element (the ul which is the child of nav):

o   You will keep the list items to be displayed vertically (by default) but you will have to **remove the bullets**

The links inside the nav element (the anchor tags that are children of nav):

You will apply the 4 mouse states (link, visited, hover, and active) for the selector as explained below, you can combine every two states together (link and visited in one rule then hover and active in another rule) as you wish **(Note that you will need to add new rules/selectors):**

The anchor elements inside the nav element for link and the visited states:

o   Remove the underline feature
o   Add border with any setting or styles you like
o   Should look **like buttons (box)** when mouse is hovering **(Hint: you need to change their display type property)**
o   Change the font style to be bold
o   Add some padding for all the sides like (3px to 5px) as you prefer

The anchor elements inside the nav element for the hover and the active states:

o   Change the background color
o   Change the font color

Form Element: ➔ form { }

o   Must take 90% from its parent element (the container)
o   Add different background color
o   Add border with any width, style and color (Use the shorthand to apply the border to all the sides)
o   Make sure to also have enough space within the form element (Padding) so the text will not be in touch with form border, you can set any value you find it appropriate. You don't have to apply the padding to all the sides, left and right sides are enough

Form Label: ➔ form label { }

o   Have to take the entire line (displayed as block-level elements) and their corresponding input fields should be below them in a separate line
o   Add any background color
o   Add some margin to the top only
o   Change their width (the size) to take/fill the 95% of its container (form element)

Input Field Elements: ➔ form input { }

o   Change the text fields, email field, textarea to fill the 95% of its container (Their width should be 95%)

Form buttons (input element of type "submit" and input element of type "reset"):

o   Add the mouse **effect "hover"** to the both buttons "Submit" and "Reset", so their colours changes on mouse over

Footer:

o   Padding for all sides 10px
o   Any background colour
o   Align the text to be centred
o   Apply the rule to the footer to prevent it from floating (Hint: you will need to clear the elements from the left and the right sides of the footer)

(20 Marks)

Responsive Web Design (RWD):

Using our code examples for RWD lectures, you can make your website responsive. 😊