COMP1850 MID TERM PROJECT

OBJECTIVES

Design and implement a well styled, semantic, flexible, and responsive page layout.

DUE DATE

Assigned during session **05**, due 11:59pm the night before session **07**.

REQUIREMENTS

Perform each of these stages in sequence, each one before the next.

1. Read all specifications.
2. Sketch out a plan for your pages. Pages will need plans for single column stack, and multi columns arrangements
3. Code HTML to fit plan. Add lorem-ipsum.
4. Apply CSS with browser in mobile emulation mode.
5. Test in wider viewports and add media queries to adjust styles as needed.

You are to design a site for a fictitious online retailer. You can choose the 'product' that is being promoted (books, running shoes, musical instruments, etc). Design your own web page layout suitable for viewports of all sizes. You may use other websites as inspiration for the design, but you must be the author of all code you submit (except for images).

All **.html** files must use the same external stylesheet. The HTML structure of each of these files should be identical, the only difference between the files is the content that will be applied. For example, all pages will include the same header, footer, navigation, etc.

HTML STRUCTURE:

Page design must include standard page regions: header, footer, navigation and an area(s) for content. Semantic, meaningful HTML must be demonstrated throughout. Header should at minimum include a logo/image and descriptive heading. Footer should include contact/location info (which you can make up, does not have to be a real contact).

CONTENT

Write the following pages to demonstrate how the site would look:

- A homepage, meant to introduce the company.
- A page for showing information about the products
- A page using **lorem-ipsum.txt** content. The site navigation can describe this page as 'Lorem Ipsum'
- A page that has no content. The navigation can describe this page as 'Empty'

The homepage should include a welcoming message and a 'special feature' area for displaying information about one of the products. There should be image(s) and supporting text. Optionally, add additional content to the homepage as you see fit.

The products page should display each product with relevant image(s) and descriptive text. There should be at least 12 products displayed on this page, but instead of writing content for 12 different products, write content for at least 3 different products and copy/paste repeat them on this page.

Use content from the **lorem-ipsum.txt** file provided with this assignment as the content for one of the pages. You may cut, paste and allocate this lorem ipsum text as you like (it does not need to be all one continuous block of text, you can put some in different articles, some in an aside, etc), but ensure all the provided lorem ipsum content is used on this page.

The page with no content is meant to demonstrate how your site design looks even when there is little or no content in a large browser. The design should always reach the bottom of the viewport (sticky footer).

DESIGN

Apply best practices in page design throughout. Including but not limited to:

- Effective use of fonts, images, color, padding, margins and borders to make content easy to discern and pleasant to look at
- Page content oriented according to standard conventions (eg: header and primary navigation should be located at or near top of page)

All content must be styled with CSS, no default colors, fonts or list bullet points allowed. All links must be pseudo classed.

RESPONSIVE STYLES

Pages must be responsive to viewport widths between 320px and 1900px.

No content should be overlapping with other content or 'escaping' the box model, no zooming should be required to read legible text). Horizontal scroll bars should never occur. Line lengths should not be too wide (>1024px) or too thin (if word wrap occurs every two or three words).

Use at least two media queries to adjust the layout in different viewport widths, for example, in wide viewports, content should be allocated to take advantage of space by using two or more columns instead of a single column stack design.

SUBMISSION

Before the due date, compress all assignment resources (HTML, CSS, JS, images, folders, etc) into a single **.ZIP**. Upload **.ZIP** to

learn.bcit.ca > Content > Session05 > Mid Term Project Dropbox