

COMP1850 :: MID TERM PROJECT

OBJECTIVE Design, implement and publish a responsive Flexbox layout

REQUIREMENTS You will design and write a single Flexbox layout that is demonstrated across three HTML pages. Each of the three HTML pages will be structured identically, and use the same external CSS stylesheet. The ONLY difference between the three HTML pages will be the textual content each page contains. This is to demonstrate how your layout will handle different kinds and quantities of content. The content area of each page should be populated with the markup from the following files (included with this .pdf) Include the contents of a different lorem ipsum file for each HTML page:

- lorem_ipsum_01.txt
- lorem_ipsum_02.txt
- lorem_ipsum_03.txt

NOTE: You must include the above Lorem Ipsum markup, but you can also add more content of your own (eg: a site logo or banner **img** in the header, or maybe some figure/figcaption examples).

The layout you design must include at least these standard page regions: **header**, **nav**, **main** and **footer**. Also include **sections**, **asides**, **articles** etc as appropriate for your own creative design. Your layout must display well under the following three circumstances:

- In a full-size client browser viewport (eg 1024px or wider)
- In thin clients (less than 1024px wide)
- sent to printer for hard copy (prints absolute URLs, doesn't waste paper, hides content of no use on printout)

In all of the above three cases, content must display effectively and coherently, for example all content must

- be easy to read with appropriate font sizes and colors
- be easy to navigate, no horizontal scroll bars or inner scroll bars
- be easy to access (no content should be overlapping other content or 'escaping' the box model)
- be oriented according to standard conventions (eg: header and primary navigation should be located at or near top of page)

Use CSS Flexbox to determine the page layout. You may use some of the example code from class but you **MUST** include new aspects to the layout designed by you. For example, if you use the sticky footer flexbox layout example as your own basic layout, insert your own creative flexbox design inside the main content tag. You can also choose to break up the lorem ipsum content into separate articles, sections etc.

The navigation should have three or more hyperlink options to click on. They can use generic labels such as 'page01', 'page02' etc. The first three links of your navigation must link all three pages together.

Include examples of a minimum of three or more CSS media queries in your responsive CSS code.

As always, all content should be marked up semantically. All content must be styled with CSS (no default fonts or colors anywhere, all hyperlinks pseudoclassed). All HTML and CSS code must be valid.

NOTES You can use FTP to delete your previous homework #3 pages online and replace them with these new pages.

SUBMISSION **Assigned:** Session 4 **Due:** 11:59pm the night before Session 6
Homework must be published to *bcitcomp.ca* before the due date.