

COMP 1950

Assignment: 02 – Create a Responsive Web Page

Course Value: 2.5%

Due Date: Before the start of next week's class (Day 03)

Assignment Description:

Style an existing page to make it fully responsive and usable on screens from 320px up to 1920px wide.

Instructions:

1. Open the folder "a-02-start" located in the "day-02" folder
2. Open up the "index.html" file
3. Open up the rough mock-up file called "a-02-mockup.pdf" located in the "day-02" folder. PNG versions are also available and can be opened in any photo editor or image viewer for reference
4. The mock-up is for reference only, feel free to change colours, fonts (required), padding, margins, etc...
5. The finished HTML/CSS files can be different from the mock-up, but it must meet the following criteria:
 - a. Be usable on screens from 320px wide to 1920px wide
 - b. The outer container should have a max-width of 1200px and be centred in the browser window at wide desktop sizes
 - c. The main navigation must be responsive and workable down to 320px wide
 - i. The main navigation must contain at least 5 navigation items
 - ii. Simply shrinking the nav down really small will not suffice
 - iii. Use of JavaScript is permitted and probably required
 - iv. An HTML button element is in the markup for you to utilize to trigger the showing and hiding of the navigation, if you wish to do a show/hide responsive navigation system
 - d. The Projects section must be 3 columns on desktop, then go down to one column for smaller tablets and mobile phones
 - e. The footer section must be at least two columns on desktop, then go down to one column for smaller tablets and mobile phones
 - f. The finished HTML/CSS files must use two non-web-safe fonts using either an @font-face declaration or using Google Fonts
6. You are free to modify the markup or add classes to the HTML elements as you see fit
7. (Optional) Inside the "styles" folder is a "bootstrap-reboot.min.css" file, this is a CSS reset file, that will set things such as setting all elements to "box-sizing: border-box" and eliminating top margins on elements. Feel free to use this file in your assignment, but you are not required to do so.
8. View your completed web site in a browser

9. When the above steps are complete do the following:
- a. Upload the completed file(s) to your personal COMP1950 web space via FTP
 - i. Remember individual assignments and projects should be stored in individual folders. For example, for “Assignment 02” I might make a folder called “a02”. I would then upload that folder to my web space
 - b. Browse to your completed assignment by navigating to your completed assignment in a web browser
 - i. The address should be similar to:
 1. comp1950.michaelwhyte.ca/mwhyte13/a02/index.html
 2. replace “mwhyte13” with the first part of your my.bcit.ca email address
 - c. Once you have tested your assignment in a browser, make note of the URL and copy it.
 - d. Go to D2L and find the dropbox for Assignment 02.
 - i. Create a text file or a Word document or a PDF that contains a link to your completed assignment
 - ii. Upload the text file completed in the above step to the dropbox
 - iii. In the Comments section include a link to your assignment

Notes:

- To make the images responsive, fluid and not grow beyond their parent’s container use the following CSS in your CSS file:

○ `img { max-width: 100%; height: auto; }`

Marking Criteria:

This project will be marked out of 3 and will be marked based on the following criteria:

- | | |
|--|---------|
| 1) All Technical Specifications Met | 3 marks |
|--|---------|

Total: 3 marks

WELCOME

About

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus nulla urna, porta ut faucibus ac, posuere vitae turpis. Maecenas vitae vulputate leo. Sed ut bibendum libero. Ut finibus ut arcu tincidunt rhoncus. Nullam pharetra lacus nec mi vehicula, tempor tempor purus faucibus. Vestibulum augue libero, aliquet et lobortis id, lobortis cursus nibh. Pellentesque urna nulla, sodales quis dignissim in, ultrices elementum nisi. Etiam pulvinar quis ante vitae scelerisque. Sed tincidunt nunc id varius elementum. Nulla euismod facilisis turpis, quis sodales quam suscipit quis.

Projects

Project 1



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus nulla urna, porta ut faucibus ac, posuere vitae turpis. Maecenas vitae vulputate leo. Sed ut bibendum libero. Ut finibus ut arcu tincidunt rhoncus.

Project 2



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus nulla urna, porta ut faucibus ac, posuere vitae turpis. Maecenas vitae vulputate leo. Sed ut bibendum libero. Ut finibus ut arcu tincidunt rhoncus.

Project 3



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus nulla urna, porta ut faucibus ac, posuere vitae turpis. Maecenas vitae vulputate leo. Sed ut bibendum libero. Ut finibus ut arcu tincidunt rhoncus.