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
 - 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:

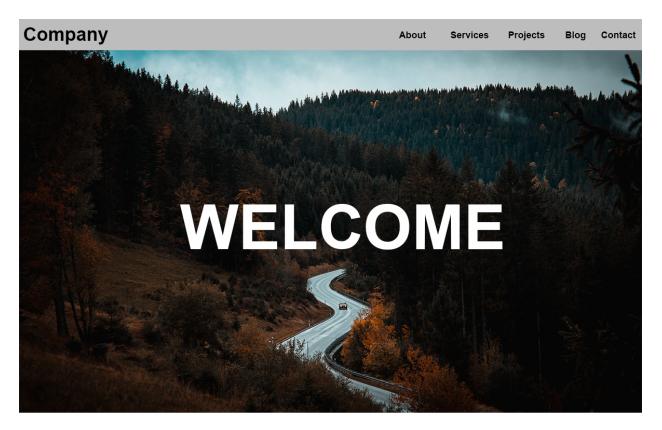
- To make the images responsive, fluid and not grow beyond their parent's container use the following CSS in your CSS file:
 - o img { max-width: 100%; height: auto; }

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



About

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Projects

Project 1 Project 2



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Project 3

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