

### WEBD 1000 Website Development

### HTML LINKS AND HYPERTEXT

## Instructions

You will complete the following steps in class and post the file(s) that you are asked to produce to the Brightspace dropbox for today's in-class activity. If you need help with any step, ask the instructor.

1. For the final project, we will build an ePortfolio site in this course (see a snippet of the Final Project Instructions on the next page).
2. For today's exercise, we will start developing our ePortfolio website structure.
3. Accept the assignment on Github Classroom and clone the repository on your computer in VSCode.
4. In VSCode (or the editor of your choice) create a Website meeting the following requirements:
  - a. The main home page of the ePortfolio should be called "**index.html**".
  - b. Create other pages based on the ePortfolio instructions on the next page. You should have at least five pages total.
  - c. Have a navigation section with links on each page to permit you to go to the other pages.
  - d. Start adding some content to each page. If you are not ready to add some actual text to your ePortfolio, mock them up with **lorem ipsum** text.
  - e. Find some cool images to add to the pages that are appropriate.
  - f. Make sure to indent your HTML tags appropriately and have a good **title on each page**.
  - g. If you have already learned some CSS, feel free to add some styling to the webpage(s) to spruce them up a bit, but it is not necessary at this stage.
5. Once the above Step is completed, validate **all of the HTML files in the website** using the W3C validation website. Take a screenshot(s) showing successful validation. You might want to put all the successful validation screenshots in one Word document.
6. Post a ZIP file containing both the HTML file(s) from Step 4 and screenshots of successful validation from Step 5 to the Brightspace Dropbox for the third in-class exercise in order to obtain credit for completing it.
7. That's it.

## Highly Recommended

There is no need to submit the results of this part of the activity and it will not be graded. However, it will be excellent practice for the upcoming assignment. If you need help with any step, ask the instructor.

1. Complete the Tutorial 1 – Session 3 practice steps from the Textbook. The practice

tutorial steps are in light brown or beige boxes within the chapters of the textbook. In this case the tutorial steps begin on page **HTML51** (Section 1-17c) and conclude on page **HTML70** (Section 1-23) for this Session. **This tutorial continues on from work in the previous Sessions (1.1 & 1.2), so you may need to go back and complete those if you have not already done so.**

2. Once the above Step is completed, validate the following files using the W3C validation website:
  - a. ct\_menu.html
  - b. ct\_locations.html
  - c. ct\_contact.html

## Final Project – Portfolio Instructions:

### WEBD1000 Final Project (e-Portfolio)

As part of being a “portfolio college”, NSCC requires all students to produce a portfolio before graduation. A portfolio can come in many forms depending on the student that creates it. Students in the Information Technology Diploma programs are encouraged to develop an electronic portfolio or “e-portfolio”. An e-portfolio is simply a website that allows anyone to view the student’s portfolio of information from the Internet. Your task is to create this website.

To satisfy this requirement you will need to develop several web pages, including:

- A Home Page that provides an introduction to you and your portfolio
- A Contact Page that provides your relevant contact information
- A page describing at least **five** (5) short-term (<2 years) goals and **five** (5) long-term goals (>2 years) for the future
- A page listing at least **three** (3) your current skills and appropriate descriptions for each skill
- A page for your resume displayed as an **HTML** document (i.e. not a link to a Word document or PDF)
- (Optional) Other pages that may show documents you want to display (e.g. certificates)

Also, the website must comply with the following guidelines:

- All pages must adhere to HTML5 and CSS3 standards
- All CSS styles will be placed in one or more external CSS files
- No deprecated HTML tags or attributes will be used
- **All pages must use Responsive Design and react differently for phones, tablets and desktop browsers**
- All source code will be formatted and indented for optimal reading
- HTML tables will only be used to display tabular data not for layout purposes
- A menu will exist on all pages that will allow you to navigate to any web page in the web site