**In-Class Task 4**

**Important Notes:**

* This is an individual assignment.
* I will be checking for borrowed or copied assignments.
* This assessment is out of 3 marks total.
* The purpose of this assessment is to learn validations using the server side programming.
* You are required to use Node.js, Express and EJS for this assignment.

# Tasks:

In this assignment, you are to develop a web application that uses post request to use user information and renders it.

1. HTML Static Content - Web Form **(2 mark)**
   * The front end must collect following informations :
     + Name
     + Email
     + Phone Number
     + Province (Select tag)
     + Shipping Address
   * Some basic CSS has been added for the form. (I.E. Form is bordered, input fields are evenly spaced)
2. JavaScript - Form Validation – Client Side
   * None – No validations are required to be done on the client side using the onsubmit attribute in the form tag or onclick attribute on the submit button tag. If you already have a form with client side validation, please add ‘return true;’ in the function that you are calling for the client side validations in order to skip the validations.
3. Server side programming using JavaScript, EJS, Express and node.js
   * The following user inputs must be validated :
     + - 5 Mandatory fields. ***Do not use HTML ‘required’.*** **(2 mark)**
       - 2 fields using regular expression. ***Do not use HTML ‘pattern’* (2 mark)**
   * If all validations are passed, generate a receipt to give to the customer, including all the shipping documentation. **(2 mark)**
4. Programming Style and Standards **(2 marks)**

It is a good idea to practice conforming to a set of programming standards. Refer to the posted summary of the Programming Standards used by the CP/CPA programs.

# Submissions:

To submit this assignment, place all your work into a single folder. Zip this folder and submit the zipped file to eConestoga. No cover sheet is required for this assignment. A good way to make sure everything is correct, is to unzip the file you are submitting on a different location on your computer and making sure everything works. I have to be able to see your results.

everything works.