Course:	**INFO1234**
Professor:	**Jim Cooper**
Project:	**Exercise #3**
Due Date:	**Tuesday, February 4, 2020**
Submitting:	**Submit your zipped solution to the Exercise #3 drop-box**

How will my exercise be marked?

Marks Available	What are the Marks Awarded For?	Mark Assigned
2	All required HTML controls (with appropriate styling) and event handlers	
2	Implementation of "Submit" field content check and error message	
1	Correct submission of zipped HTML page	
5	Total	

Exercise Description

1. Create a single HTML page using the editor of your choice. Name this page using the following template: your first name followed by an underscore and then "Exercise3". For example, "Jimbo_Exercise3.html".

2. This page will require JavaScript and (optionally) some CSS and you can create a solution that has both components embedded directly within the HTML page. See the related "Controls Reference" example.

3. Within your HTML page create a form that supports the following data entry controls:

First Name:	text box (max 50 chars)
Last Name:	text box (max 50 chars)
Address:	text box (max 50 chars)
City:	text box (max 40 chars)
Province:	<select> pulldown with all provinces
Postal Code:	text box (max 7 chars) Example: N7H 4D5
Telephone:	text box (max 12 chars) Example: 519-555-1212
Is Member:	check box

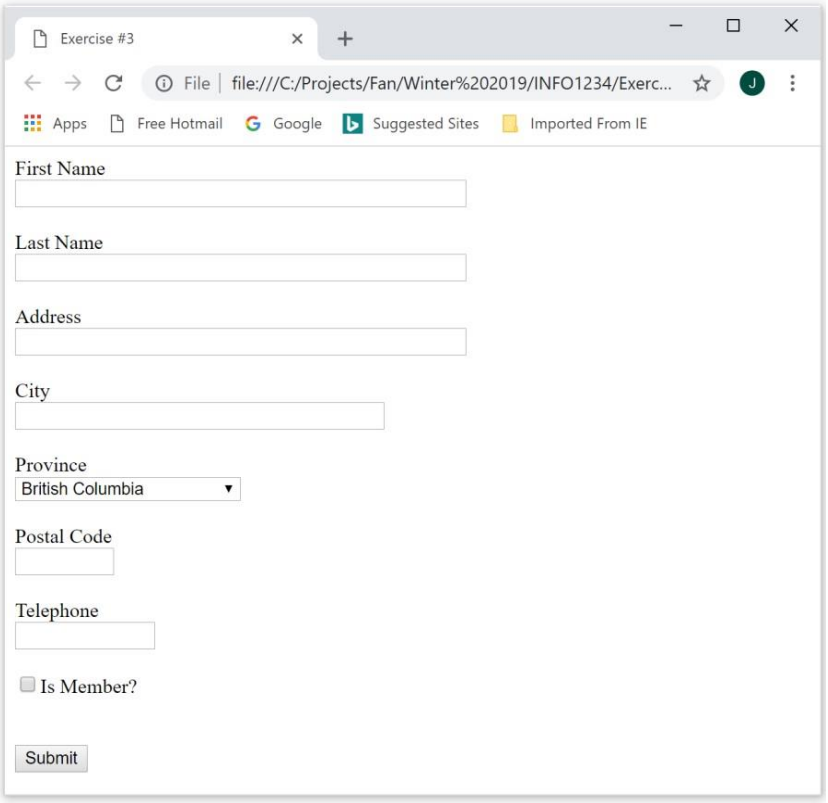
4. When you add the HTML controls to the form, you'll also need to add a label as the prompt for each control to notify the user about what type of data should be handled by the specific text box, check box or pulldown.

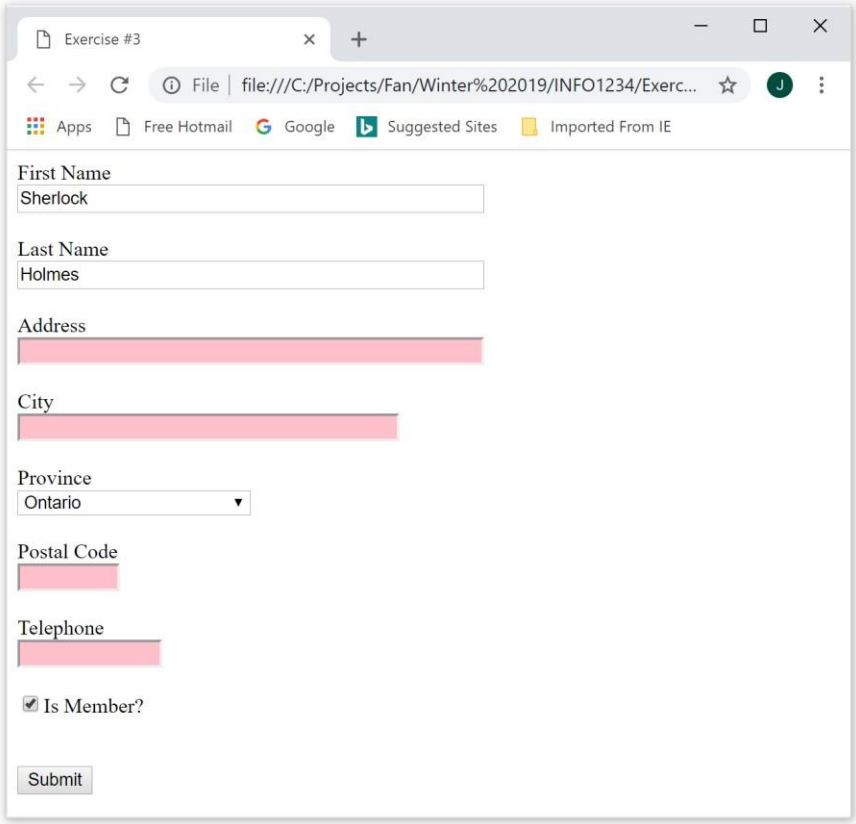
5. Members can only be from "Ontario" and so if a user selects a province other than "Ontario" while the "Is Member?" check box is checked or if the user clicks the check box after a province other than "Ontario" was selected, display an alert statement with the following message: "Only "Ontario" Customers are able to be Members!" If you detect either of these situations, set the "Is Member?" check box to unchecked using JavaScript code.

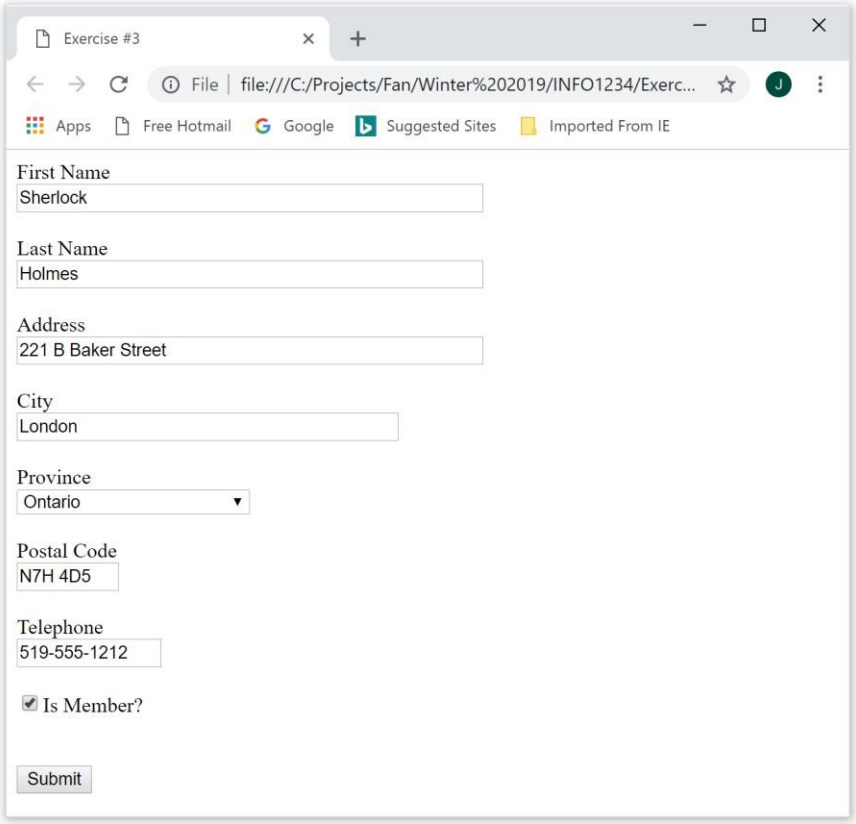
6. Since your code will need to check the previous conditions if either the "Province" <select> choice changes or the "Is Members?" checkbox is clicked, you'll need to create a single event handler that will be "fired" for either of the two controls.

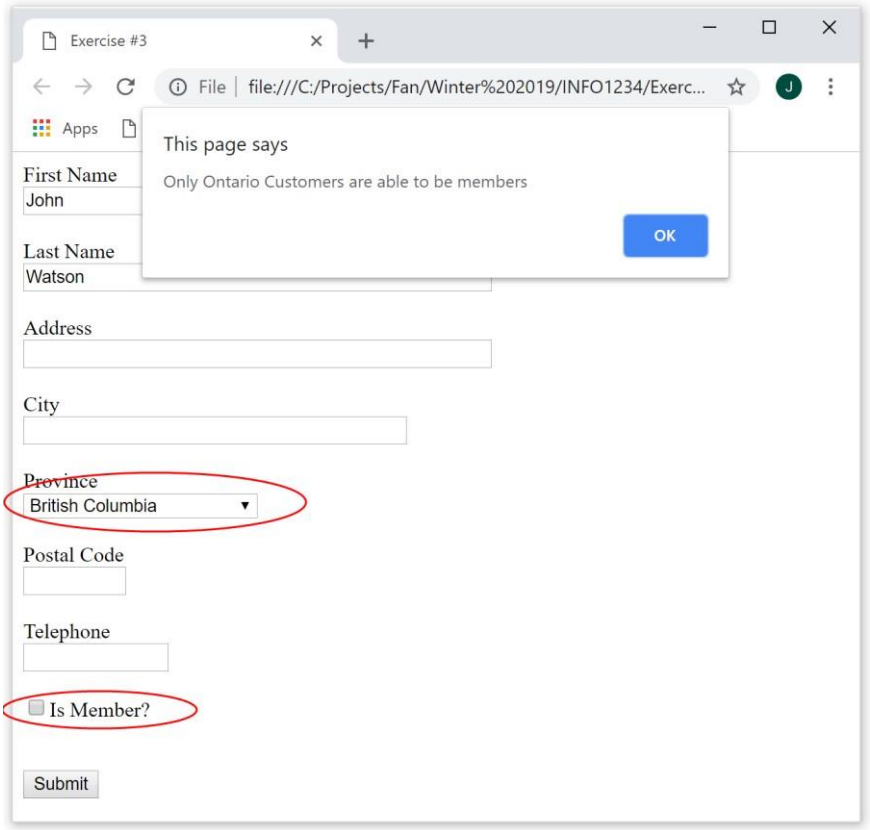
7. Also include at the bottom of the page, a "Submit" button or link attached to a JavaScript event handler that will look for any blank text boxes and change the background colour of these fields to "pink". Fields that were pink and have been corrected need to be reset to white.

Sample Output:




Exercise #3
File | file:///C:/Projects/Fan/Winter%202019/INFO1234/Exerc...
Apps
Free Hotmail
Google
Suggested Sites
Imported From IE
First Name
Sherlock
Last Name
Holmes
Address
City
Province
Ontario
Postal Code
Telephone
Is Member?
Submit


Exercise #3
File | file:///C:/Projects/Fan/Winter%202019/INFO1234/Exerc...
Apps
Free Hotmail
Google
Suggested Sites
Imported From IE
First Name
Sherlock
Last Name
Holmes
Address
221 B Baker Street
City
London
Province
Ontario
Postal Code
N7H 4D5
Telephone
519-555-1212
Is Member?
Submit



User has attempted to click “Is Member?” check box with Province set to British Columbia.