CST8209 – Lab 7 – Working with Forms

Objective

In this lab you will learn how to validate and submit a form using JavaScript. Don't use any "alert()" for any warning or error messages, except for the one in B-2-h.

Requirements

1. Download the zipped file folder Lab7.zip

2. Extract the files and save to your computer – preferably to your course workspace folder

3. Open the Lab7 folder in your text editor (Atom)

4. You should find 1 .html files in the Lab7 project folder

5. You should find 2 .js and val.css file in the scripts sub folder

Section A – HTML Form

Use form.html

1) Please do not change the name attribute on the form elements

   example <input type="text" name="firstName">

2) Use the corresponding span tag to display a warning message if the firstName element is empty when the form is submitted.

3) Use the corresponding span tag to display a warning message if the lasttName element is empty when the form is submitted.

4) Use the corresponding span tag to display a warning message if the address1 element is empty when the form is submitted.

5) Use the corresponding span tag to display a warning message if the city element is empty when the form is submitted.

6) CUse the corresponding span tag to display a warning message if a province has not been selected when the form is submitted.

7) Use the corresponding span tag to display a warning message if a country has not been selected when the form is submitted.

8) Feel free to be creative and add additional styles to the HTML page. Add your styles to scripts/ val.css

Section B – validate() function

Use form.html

1) Use the validate.js file to create public and private functions/objects/variables to validate the form.

2) Create validateProfile() function and write the necessary code to perform the following:

   a. Display a warning message around the firstName element if the element is empty when the form is submitted.

   b. Display a warning message around the lastName element if the element is empty when the form is submitted.

   c. Display a warning message around the address1 element if the element is empty when the form is submitted.

   d. Display a warning message around the city element if the element is empty when the form is submitted.

   e. Display a warning message around the province element if an option has not been selected when the form is submitted.

   f. Display a warning message around the country element if an option has not been selected when the form is submitted.

   g. return false if the form is invalid.

   h. execute alert("Thank you") when the form is valid and return true.

   i. create any other functions/objects/variables you require to validate the form

Section C – Events

Create the following Event Handlers using scripts/event.js

1) Add an event to clear the warning message when the firstName is entered

2) Add an event to clear the warning message when the lastName is entered

3) Add an event to clear the warning message when the address1 is entered

4) Add an event to clear the warning message when the city is entered

5) Add an event to clear the warning message when the province is selected

6) Add an event to clear the warning message when the country is selected

Section D – Form Submit

1) Add a submit event to the form to invoke the validateProfile() method when the form is submitted.

Deliverables

1. Save all your work.

2. Compress the Lab3 folder, renaming it to Lab7_First_Last_Student#.zip
Example Lab7_Sanaa_Issa_040999888.zip

3. Upload the zipped file

Marking Scheme Rubric

This lab has a maximum mark of 3, awarded according to the following rubric.

Criteria	Mark
Superior capability. Lab submitted meets or exceeds expected standards	3
Satisfactory capability, acceptable product/result	2
Marginal capability, substandard product/result	1
No capability, unacceptable product/result. Work not submitted	0

Note that 40% of your final grade comes from the grades you obtained from your labs and assignments.