CPRG 256

LAB ASSIGNMENT 7

JAVASCRIPT ARRAYS AND OBJECTS

On your computer, create a directory titled ‘cprg256/lab7’. Copy the html, css and JavaScript files from Lab Assignment 6 into this directory.

Part A:

For this assignment, use the ‘Wild Rose Country Finance’ application from Lab Assignment 6.

If you have not already done so, modify any text or number fields to include unique ‘id’ tag e.g. id=”firstname”.

Modify all radio button or check box elements to include a ‘value’ tag.

Example: For the ‘current client’ radio buttons, the value could be set to value=”yes” or value=”no”.

Example: The check box values could be set to value=”rrsp”.

You will be required to add helpful ‘prompts’ for the user as they enter data on the form. Modify the JavaScript to create ‘Event Listeners’ for the following elements on the page:

All input fields (except current date)

Age

Income

A ‘hidden’ link above the ‘check box’ inputs. This will prompt the user to select any or all of these choices.

The prompts should explain what type and format of data to enter. e.g. you can clearly explain the format of the telephone number or postal code.

The helpful ‘prompts’ must be linked to an element and an event e.g. ‘focus’, ‘blur’, ‘mouseover’, ‘mouseout’ etc.

Part B:

Starting with the JavaScript code you use in Lab Assignment 6, modify the ‘customer’ object to include two arrays: ‘clientinfo’ and ‘clientassets’. The data in these arrays will be stored as string values. The ‘clientinfo’ array will store the data from these radio buttons and number fields:

* Are they current clients (Yes or No) [Radio Button]
* Gender (Male or Female) [Radio Button]
* Age (Minimum is 18) [Number input]
* Own or Rent Home [Radio Button]
* Annual Gross Income (Minimum is 0) [Number input]

The ‘clientassets’ array will store the data from these check boxes:

* Vehicle
* RRSP
* TFSA
* RRIF

Modify your form to include an ‘Edit’ button. This button will be disabled when you enter a new client information.

In your previous lab, your web application allowed you to delete a ‘customer’ object from the ‘customerlist’ array. Modify your JavaScript code to call an ‘editClient’ function. When you select on the client objects, the ‘editClient’ function will do the following:

1. Disable the ‘Submit’ button on the form.
2. Enable the ‘Edit’ button on the form.
3. Populate the form with the data from customer object.
4. Allow any changes to be made to the customer object.
5. When ‘Edit’ is clicked, the edited customer data will be stored in the array
6. The ‘Edit’ button will be disabled and the ‘Submit’ button will be re-enabled

When you have completed this, demonstrate it to your instructor.

Zip your ‘cprg256/lab7’ directory and upload it to the Brightspace site under Assignments/Lab Assignment 7.