
INTERNET PROGRAMMING

420-311-VA

ASSIGNMENT -2-

Implement a web page using the same theme, meaning colors, elements styles, menu, and footer as the one used for Assignment-1. The web pages should use HTML, CSS, and JavaScript all in separate files. you may use jQuery if necessary.

1. Selecting and Moving items from one list to another

- a. The <select> element allows you to display a list of items. Include on the web page two HTML <select> elements, with the attribute multiple="multiple". Let's call them list A and list B.
- b. Add a button to the web page,
- c. When a user selects an element in list A and clicks the add button, the selected item should be removed from list A and be added to list B.

2. Validating User Input

Assuming we want to validate a user's input from a text box. Let's consider that the user enters a Canadian Zip code and we want to validate the entry.

- a. Add a Text field, with a Label "Enter a Zip Code:", to the webpage
- b. Add a button, named "Validate", to the webpage
- c. Write the JavaScript code that validates the user's input when the Validate button is clicked
- d. Use the following regular expression: `^(?!.*[DFIOQU])[A-VXY][0-9][A-Z]•?[0-9][A-Z][0-9]$`

The structure of the Canadian Zipcode is explained here:

<https://www.canadapost-postescanada.ca/cpc/en/support/articles/addressing-guidelines/postal-codes.page>