






# HTML Forms - Exercise

## HTML Form Element Input Restrictions

Here is a list of some common input restrictions (some are new in HTML5):

Attribute	Description
disabled	Specifies that an input field should be disabled
max 	Specifies the maximum value for an input field
maxlength	Specifies the maximum number of character for an input field
min 	Specifies the minimum value for an input field
pattern 	Specifies a regular expression to check the input value against
readonly	Specifies that an input field is read only (cannot be changed)
required 	Specifies that an input field is required (must be filled out)
size	Specifies the width (in characters) of an input field
step 	Specifies the legal number intervals for an input field
value	Specifies the default value for an input field

### Exercise:

```
<!DOCTYPE html>
<html>
  <body>

    <form action="action_page.asp" type="post" >

      <input type="submit">
    </form>

  </body>
</html>
```

Use the HTML5 form template, and answer the followings:

1. Create input fields that should contain a user name and a password, and place them inside the <form> element. Add appropriate attributes (**name**, **id**, **size**, **maxlength**, **required**) with a value of "25" to the **size** attribute, and "10" to the **maxlength** attribute. Add a **fieldset** and a **legend** to identify this login section.

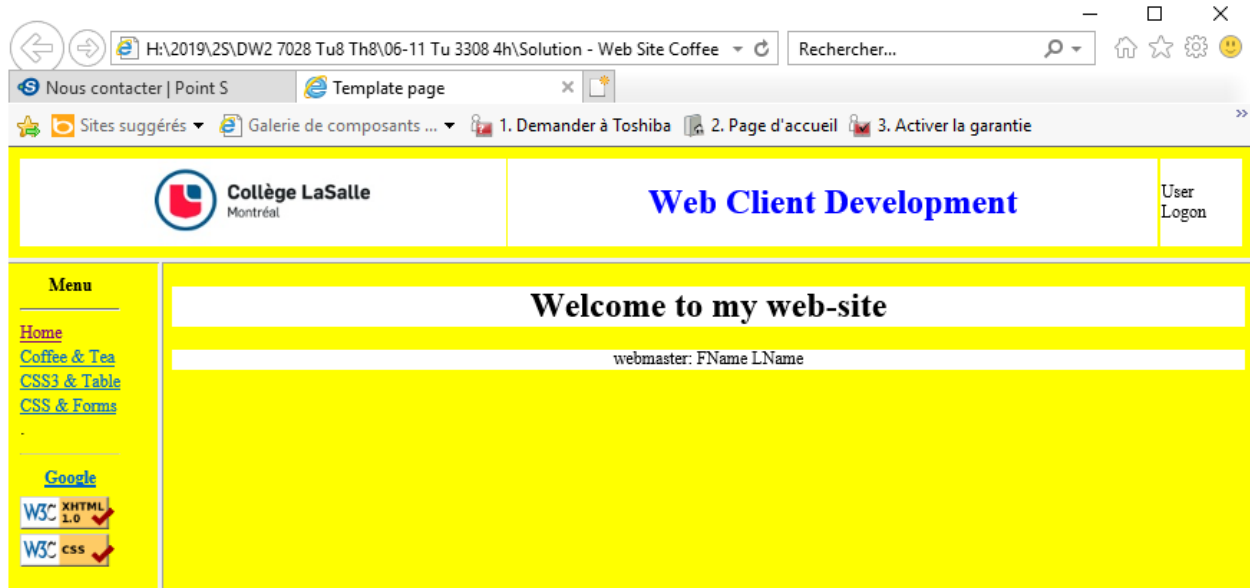
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2. Create another section (using a **fieldset** and a **legend**) to identify the product information. Add input fields for product id, product name, textarea field element for describe the product.
3. Create 5 radio buttons and place them inside the form element, under the text "Favorite color". Add the **name** attribute with a value of "ProdColor" to all radio buttons. Also add a value attribute and specify "blue" for the first, "red", "green", "black", and "white" for next options. Specify some text that corresponds with the values.
4. Add an input field that should only contain a numeric value having name attribute with a value of "quantity" and restrictions on the input field to only accept numbers between 1 and 100. *Hint: 1. Use input type="number". 2. Add the name attribute. 3. Add the min and max attributes*
5. Create another section (using a **fieldset** and a **legend**) to identify the user information. Add form elements for Address, City, State–Province, Postal Code, Country. For the input field State–Province use a **datalist** to pre-define the options for all Canadian Provinces. For Country field, create a drop-down list with options for Canada, USA, and Mexico. For other input fields use your common-sense to set the **size** and the **maxlength** attributes.
6. Lastly, create another, last section (using a **fieldset** and a **legend**) to identify the buttons allowing you to send the information of the form to the server *action\_page.asp* file, and to reset to the default values the form fields.
7. Apply the **CSS** formatting to your form elements respecting the followings:
  1. The form fields should have rounded edges, and aligned to the left inside of fieldset, except for the reset button that will be align to the right.
  2. Use different background colors for different sections (use light colors), and add necessary space for padding and margin to have a clear presentation.

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Add the links to your web site for the last works (table with CSS3 and Form), plus add the two images for validating CSS and XHTML web pages that you create / add.



Test your web page with different browsers; identify the differences, if any. Identify yourself and the work, validate your web page(s) on W3C (HTML & CSS), correct the errors and upload your web files by LEA of Omnivox.

Thank you