JavaScript Project

Create a shopping-type of website that (fictitiously) promotes at least 10 items. Your user should be able to purchase any of the items. You will have (as a minimum) 2 html pages, a CSS file and a JavaScript file. You may find it beneficial to have multiple JavaScript files (one for each page). Although the focus of this assignment is integrating JavaScript, it is expected that the pages present in a professional/stylish manner.

First Page

Purpose: provide the capability for the user to purchase any of the 10 items.

1. **For at least 4 of the items, an image should be displayed. When the mouse is placed on the image, resize the image to be larger. When the mouse leaves the image, resize it back to normal. Possibility: jQuery animate() method.**
2. **How you display the remaining 6 items is up to you.**
3. **The price of each item should be part of the display in some manner.**
4. **Once an item has been selected (how you do this is up to you: clicking, checkbox, etc), enable a textbox (or some other comparable control) where the user specifies a quantity for that item. Ensure that the quantity is 0 or more. If not, display an error message (e.g. alert).**
5. **Have a “shopping complete” control, that once clicked will display a form on the same page, or another page can be displayed.**
6. **On the form have a textbox for the user name.**
7. **On the form have a checkbox where the user can chose pickup or delivery. If delivery is chosen, display textboxes where the user enters their full address.**
8. **On the form, have a Complete Order button. When clicked, ensure that at least 1 item has been chosen and a name has been entered. If delivery was selected, ensure the address has been provided. Display the second (or third) page.**

Second (or Third) Page

Purpose: Display a summary of the order.

1. For each item that was ordered, display the subtotal (i.e. quantity x price).
2. Display a grand total.
3. Have a button that when clicked will return to the first page.
4. How might info from the first page be known to the second/third page? You could take a look at local web storage discussed in zyBook section 8.4.

CSS File

All formatting should be in the CSS file (i.e. none in the html files or the js file, although the js code can change the styling for any elements provided that the styling is defined in the CSS file).

JavaScript file(s)

Students can choose to use jQuery, straight JavaScript, or a mix. The code will contain such functionality as validation, subtotal and total computations and enabling/presentation of elements.

All files that you create/use should be placed in a folder. Zip and upload that folder.

The following is the assessment matrix that will be used to grade your project:

|  |  |  |  |
| --- | --- | --- | --- |
| Category | Max Points | Points Earned | Comments |
| Page Aesthetics  - Does it look good  - Colors  - Fonts  - Layout  - Borders (optional)  - Images (at least 4)  - Correct grammar/spelling | 15 |  |  |
| Submittal  - files in folder  - zipped up | 5 |  |  |
| Code Styling  - indentations  - comments  - all styling done in css  - good use of css  - correct tag usage  - code in js file  - efficient js code | 10 |  |  |
| Page 1  Image resizing  Selecting of items  Quantity designation  Form display and entry  Validations  Navigation | 35 |  |  |
| Page 2/3  Summary of items ordered (item and subtotal)  Navigation | 20 |  |  |
| Overall Impression (razzle-dazzle factor) | 15 |  |  |