CS 133J: Front-End JavaScript I

Week #3 Assignment

Create a JavaScript-powered order total page and practice what we learned about JavaScript objects, methods, properties, variables, and mathematical expressions.

1. Create an HTML file that:
   1. Contains all of the required tags to make a well-formed HTML5 page
   2. Contains a form and any other necessary tags to create an order total page. The order total should contain:
      1. Product names, descriptions, and prices for at least 3 different items
      2. Textboxes for each item that allow users to enter a quantity
      3. Output areas to display the following calculated items
         * The subtotaled price for each item
         * The subtotaled cost of the order
         * The sales tax applied to the order (assume a 6% sales tax)
         * The final order total
   3. Contains a link to an external JavaScript file.
2. Create the external JavaScript file. This external file should:
   * 1. Contain a comment that includes your name, date, and a brief program description at the top of the file.
     2. Contain a window.onload event and associated function to contain all your other code.
     3. When users change the text in the quantity textboxes, the item subtotal, order subtotal, sales tax, and final order total calculations should take place and be displayed in the appropriate output locations.
   1. Error check your HTML & JavaScript code, then save the files inside a folder named *YourLastName-week03.*
   2. Compress the folder and upload using the link in Moodle.