Web Programming
152-150

Form Validation using JavaScript

25 points

Download the BookNook Validation starting form from my website.

Review the HTML (and starter JavaScript) to familiarize yourself with the form's code.

Ensure the first input field receives focus when the form loads and when it is reset whether JavaScript is on or not and when HTML5 is not available.

Add validation to the form to fulfill the following requirements.
- General
  - Apply appropriate key pressed events to numeric fields.
  - If required fields are left blank, use the error markers to tell the user the field is required. You may should also use the `required` attribute in case JavaScript is off.

- Customer name
  - Required field
  - Automatically Title Case when user leaves the field

- Book title
  - Required field
  - Automatically Title Case when user leaves the field

- Book format
  - Required field (ensure default selection is changed)

- Quoted price
  - Required field
  - Value must be between 10 and 200
  - Automatically format for two decimal places when user leaves the field

- Quantity
  - Required field
  - Value must be at least 1

- Total cost (note disabled)
  - Calculated when form is completely valid
  - Format for currency

- Payment method
  - Required field (ensure one is selected)

- Required delivery date
  - Optional field
  - Must be at least 2 days in the future

- Form-level validation
  - Ensure all fields are valid before submitting the form
  - If all fields are valid, calculate and display the order total before submitting the form to the server. Ensure the total cost field is sent to the server.

- When the form is cleared (Start Over button), be sure to hide all error markers.

- Be sure the validation works well in IE, Firefox, Opera and Chrome.

- **Extra Credit**: After submitting the form, disable the total cost field in case the user hits the back button after seeing the server results.