Web Programming
152-150

JavaScript Validation Evaluation Form

☑ Update Recommended

- ☐ (½ point)   FormatNumber.js correctly imported
- ☐ (½ point)   isDate.js correctly imported
- ☐ (½ point)   DateFormat.js correctly imported
- ☐ (½ point)   NumberKeyPress.js correctly imported
- ☐ (½ point)   getSelectedRadioButton.js correctly imported
- ☐ (½ point)   toTitleCase.js correctly imported

- ☐ (½ point)   HTML used to set focus to first input field
- ☐ (½ point)   Required fields designated in HTML

- ☐ (½ point)   Minimum book price defined as a constant (ALLCAPS)
- ☐ (½ point)   Maximum book price defined as a constant
- ☐ (½ point)   Minimum quantity defined as a constant
- ☐ (½ point)   Minimum deliver days defined as a constant

window.onload
- ☐ (½ point)   Customer name onblur defined
- ☐ (½ point)   Title onblur defined
- ☐ (½ point)   Book format onblur defined
- ☐ (½ point)   Price onkeypress defined (Number)
- ☐ (½ point)   Price onblur defined
- ☐ (½ point)   Min and max price attributes set
- ☐ (½ point)   Quantity onkeypress defined (Number)
- ☐ (½ point)   Quantity onblur defined
- ☐ (½ point)   Min quantity attribute set
- ☐ (½ point)   Radio button onclick events defined for each radio button to clear error
- ☐ (½ point)   Set minimum date function called to set min date attribute
- ☐ (½ point)   Delivery date onblur event defined
- ☐ (½ point)   Submit button onclick defined
- ☐ (½ point)   Reset button onclick defined
- ☐ **(+½ point)**   When field reference is used more than once, pointer variable used

- ☐ (½ point)   Customer name validated (required)
- ☐ (½ point)   Function includes a description
- ☐ (½ point)   Error message is appropriate
- ☐ (½ point)   Error icon shown/hidden as appropriate
- ☐ (½ point)   Customer name converted to Title Case when valid
- ☐ (½ point)   Function returns the error marker visibility status (or valid indicator)
- ☐ (½ point)   Function code correctly indented

- ☐ (½ point)   Book title validated (required)
- ☐ (½ point)   Function includes a description
- ☐ (½ point)   Error message is appropriate
- ☐ (½ point)   Error icon shown/hidden as appropriate
- ☐ (½ point)   Book title converted to Title Case when valid
- ☐ (½ point)   Function returns the error marker visibility status (or valid indicator)
- ☐ (½ point)   Function code correctly indented

- ☐ (½ point)   Book format validated (required, not Make a selection)
- ☐ (½ point)   Function includes a description
- ☐ (½ point)   Error message is appropriate
- ☐ (½ point)   Error icon shown/hidden as appropriate
- ☐ (½ point)   Function returns the error marker visibility status (or valid indicator)
- ☐ (½ point)   Function code correctly indented

- ☐ (½ point)   Book price validated (required, between min and max)
- ☐ (½ point)   Function includes a description
- ☐ (½ point)   Error message for missing is appropriate
- ☐ (½ point)   Price converted to a number before validating
- ☐ (½ point)   Error message for out of range is appropriate (includes limits, formatted)
- ☐ (½ point)   Error icon shown/hidden as appropriate
- ☐ (½ point)   Book price formatted for 2 decimals (no $) when valid
- ☐ (½ point)   Function returns the error marker visibility status (or valid indicator)
- ☐ (½ point)   Function code correctly indented

- ☐ (½ point)   Quantity validated (required, >=min)
- ☐ (½ point)   Function includes a description
- ☐ (½ point)   Error message for missing is appropriate
- ☐ (½ point)   Quantity converted to a number before validating
- ☐ (½ point)   Error message for out of range is appropriate (includes limit)
- ☐ (½ point)   Error icon shown/hidden as appropriate
- ☐ (½ point)   Function returns the error marker visibility status (or valid indicator)
- ☐ (½ point)   Function code correctly indented

- ☐ (½ point) Payment method validated (one radio button selected)
- ☐ (½ point) Function includes a description
- ☐ (½ point) getSelectedRadioButton function called correctly
- ☐ (½ point) Error message is appropriate
- ☐ (½ point) Error icon shown/hidden as appropriate
- ☐ (½ point) Function returns the error marker visibility status (or valid indicator)
- ☐ (½ point) Function code correctly indented

- ☐ (½ point) Function created to calculate minimum delivery date
- ☐ (½ point) Function includes a description
- ☐ (½ point) Delivery date minimum date set to current date + min delivery days
- ☐ (½ point) Earliest delivery date calculated correctly
- ☐ (½ point) Earliest delivery date formatted ISO standard
- ☐ (½ point) Function code correctly indented

- ☐ (½ point) Delivery date validated (optional input)
- ☐ (½ point) Function includes a description
- ☐ (½ point) Dashes/periods (optional) replaced with slashes for greater compatibility
- ☐ (½ point) Input checked to ensure date is recognizable
- ☐ (½ point) Unrecognizable date error message is appropriate
- ☐ (½ point) Input checked to ensure not less than minimum date
- ☐ (½ point) Out of range error message is appropriate
- ☐ (½ point) Error icon shown/hidden as appropriate
- ☐ (½ point) Function returns the error marker visibility status (or valid indicator)
- ☐ (½ point) Function code correctly indented

- ☐ (½ point) Function created to clear error marker when any radio button selected
- ☐ (½ point) Function includes a description
- ☐ (½ point) Function code correctly indented

- ☐ (½ point) Form-level validation function created
- ☐ (½ point) Function includes a description
- ☐ (½ point) Form-level validation incorporates noShortCircuitAnd (function called correctly)
- ☐ (½ point) Each validation function called as a parameter to noShortCircuitAnd
- ☐ (½ point) If form-level validation fails, alert is displayed with appropriate message
- ☐ (½ point) If form-level validation fails, submit cancelled
- ☐ (½ point) If form-level validation succeeds, order total calculated
- ☐ (½ point) Order total appropriately formatted (currency)
- ☐ (½ point) Total field enabled before form is submitted so total is sent to server
- ☐ (½ point) Form submitted if data is valid
- ☐ (½ point) Function correctly indented

- ☐ (½ point) Function created to clear error markers on form reset
- ☐ (½ point) Function includes a description
- ☐ (½ point) All radio buttons cleared appropriate (only error images)
- ☐ (½ point) Function sets focus to customer name field
- ☐ (½ point) Function correctly indented

- ☐ (½ point) All variables and constants named appropriately

❒ **(+1 point)** Extra Credit.
    ❒ (½ point)   Total field disabled (in case user clicks Back)
    ❒ (½ point)   Total field disabled **after** form is submitted