

Use JavaScript to validate a form

In this exercise, you'll use JavaScript to validate a reservation request form.

Reservation Request

General Information

Arrival date:

Nights:

Adults:

Children:

Preferences

Room type: ☐ Standard ☐ Business ☒ Suite

Bed type: ☐ King ☒ Double Double

☐ Smoking

Contact Information

Name:

Email: Must be a valid email address.

Phone: This field is required.

1. Open the index.html and reservation.js files
Then, run the application and click the Submit Request button to see the page that's displayed when the form is submitted to the server.
2. In the JavaScript file, notice that the ready event handler contains the declaration for a variable named emailPattern that contains the pattern that will be used to validate the email address.
3. Code a statement that moves the focus to the Arrival date text box.
4. Code an event handler for the submit event of the form. This event handler should validate the user entries and cancel the submission of the form if any of the entries are invalid. The validation is as follows:
A value must be entered into each text box.
The number of nights must be numeric.
The email address must match the pattern that's provided.
Be sure to trim the entries and put them back into the controls regardless of whether the entries are valid.