**Form Validation with useReducer**

Using what we learned in the last lesson about the useReducer hook, develop an application with a form, three inputs (firstName, lastName, and email), and validate the form as the user types in the inputs. Consider setting your initialState to an object like the following:

*const initialState = {*

*firstName: {*

*value: '',*

*error: null*

*},*

*lastName: {*

*value: '',*

*error: null*

*},*

*email: {*

*value: '',*

*error: null*

*}*

*}*

How you handle the validations is largely up to you. You can either create a validators object or pass a function to each of the inputs and run the appropriate validator function as a user types in that specific input. Also, React gives us a shorthand for rendering a bit of content if some condition is met. For example, consider using something along these lines to conditionally render an error.

*...*

*return (*

*...*

*{state.firstName.error !== null && (*

*<p className="error">{state.firstName.error}</p>*

*)}*

*...*

*);*

What this means is that we will only render the error if it's not null. Here's some help with [validating an email address using regex](https://www.w3resource.com/javascript/form/email-validation.php).

