4.2.10   Reflection

Congratulations! You just learned a process that's used in all modern web development. You're now using JavaScript to listen for browser events in the HTML, read data from the HTML page, and write data to the HTML page. These are three actions you'll use often throughout your career as a web developer.

Let's recap what we accomplished in this lesson:

- Added a form to the HTML document and in so doing learned a new HTML element, the `<select>` dropdown element

- Submitted forms using the `submit` event listener

- Overrode default browser behavior by introducing `event.preventDefault();`

- Retrieved data from a form element using its `value` property

- Used a new DOM element property, `innerHTML`, to write HTML code instead of simple text

- Refactored the code to be reusable

- Used simple form validation with `if` statements to prevent user errors in the application

- Reset the form to its default state by using the `reset()` method on a form element

This could be a shippable application at this point, as it has a lot of what we need for a task-tracking application. But we can still add some features, such as removing or editing a task and keeping track of what the task's status is.

We'll take this on in the next lesson, and because of the refactor we did in this lesson, it will be much less complicated!