

Extra 7-1 Develop an Expand/Collapse application

In this exercise, you'll develop an application that displays the first paragraph of text for three topics and then lets the user click a link to expand or collapse the text for each topic.

Murach's JavaScript and DOM Scripting

Book description

You can read other JavaScript books from start to finish and still not know how to develop dynamic websites like you want to. That's because it's DOM scripting that lets you do things like run slide shows, handle image rollovers, rotate headlines, provide animation, and more. And it's a subject that's glossed over or ignored in most other books.

But now, you can go from JavaScript beginner to DOM scripting expert in a single book! Fast-paced, professional, and packed with expert practices, our new JavaScript book guides you through each step as you learn how to program sites that enhance the user experience and ensure browser compatibility.

[Show less](#)

About the author

Ray Harris is an expert JavaScript programmer. That will be obvious to you as soon as you review the 20 complete applications that he presents in this book.

[Show more](#)

Who this book is for

Due to our unique presentation methods and this book's modular organization, this is the right book for any web developer who wants to use JavaScript effectively.

[Show more](#)

1. Open the HTML and JavaScript files in this folder:

`exercises_extra\ch07\expand_collapse\`

Then, run the application to see that the first paragraph of text is displayed for each topic, along with a link that lets you display additional text. Note, however, that the links don't work.

2. In the JavaScript file, add an event handler for the ready event method.
3. Within the function for the ready event handler, code an event handler for the toggle event method of the `<a>` elements. The first time one of those elements is clicked, the event handler should display the text in the division above that element, and it should change the text for the link from "Show more" to "Show less". The second time an `<a>` element is clicked, the event handler should hide the text in the division above that element, and it should change the text for the link from "Show less" to "Show more".