JavaScript Hands-On Project 2
In this project, you'll code an app that converts a weight in pounds to kilograms using jQuery.

1. In your text editor, open the **index.html** file from the HandsOnProject folder in the folder where your data files are stored. In the comment section, enter your name and today's date where indicated, and then save your changes. Note that the file contains a form that accepts a weight in pounds in an `input` field with the `id` value `pValue` and returns a weight in kilograms in a `p` element with the `id` value `kValue`.

2. In your editor, create a new JavaScript file, and save it to the HandsOnProject folder with the filename **script.js**. Add a comment that includes the book name, project number, your name, today's date, and the filename. Save your changes.

3. In the script.js file, add the following code to create a new function named `convert()`:
   ```
           function convert() {
   }
   ```

4. Within the convert() function, enter the following two statements to declare local variables:
   ```
   var lb = $("#pValue").val();
   var kg = Math.round(lb / 2.2);
   ```

5. The first statement assigns the variable name `lb` to the value of the element with the `id` value `pValue`. The second statement uses plain JavaScript to divide the value of `lb` by . , convert it to kilograms, and then round it to zero decimal places.

6. Within the `convert()` function, after the statements you entered in the previous step, enter the following statement to assign the value of the `kg` variable as the content of the element with the `id` value `kValue`:
   ```
   $("#kValue").html(kg);
   ```

7. Below the `convert()` function, enter the following statement to add an event listener to the element with the `id` value `convertButton` that calls the `convert()` function when the element is clicked:
   ```
   $("#convertButton").click(convert);
   ```

8. Below the statement you entered in the previous step, enter the following statements to clear the `pValue` and `kValue` elements when the document loads:
   ```
   $("#pValue").val("");
   $("#kValue").html("");
   ```

9. Save your changes to **script.js**, and then in **index.htm**, just before the closing `</body>` tag, add a `script` element that specifies **script.js** as its source.

10. Just before the `script` element you created in the previous step, add a second `script` element that references the **jquery- . . .min.js** file.

11. Save your changes to **index.htm**, and then open **index.htm** in a browser. In the Enter weight in pounds box, type , and then click the **Convert to Kg** button.