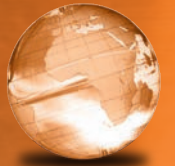


GLOBAL
EDITION



Web Development and Design Foundations with HTML5

EIGHTH EDITION

Terry Ann Felke-Morris



8th Edition
Global Edition

Web Development and Design Foundations with HTML5

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Hands-On Practice Case

Task 1: Create a folder on your hard drive or portable storage device called fishcreek4. Copy all the files from your Chapter 3 fishcreekcss folder into the fishcreek4 folder. Obtain the images used in this case study from the student files. The images are located in the chapter4/casestudystarters/fishcreek folder. The images are fishcreeklogo.gif, home.gif, services.gif, askthetvet.gif, and contact.gif. Save the files in your fishcreek4 folder.

Task 2: The Home Page. Launch a text editor, and open the index.html file from your fishcreek4 folder. Modify the index.html file to look similar to the web page shown in Figure 4.50.

1. Replace the “Fish Creek Animal Hospital” text contained within the h1 element with the fishcreeklogo.gif. Be sure to include the `alt`, `height`, and `width` attributes on the `` tag for the graphic.
2. Update the navigation area.
 - Since you will be replacing the top navigation with image links, it’s a good idea to provide for accessibility by including a set of text navigation links in the footer section of the web page. Copy the nav element, and paste it inside the footer area above the copyright line.
 - Refer to Figure 4.50, and replace the top navigation text hyperlinks with image links. The home.gif should link to index.html. The services.gif should link to services.html. The askthetvet.gif should link to askvet.html. The contact.gif should link to contact.html. Use appropriate attributes on the `` tag: `alt`, `height`, and `width`.

Save and test your new index.html page. It will be similar to Figure 4.50, but you’ll notice that a few final touches (like the text shadow on the categories) are missing; you’ll configure these with CSS in Task 5.

Task 3: The Services Page. Launch a text editor, and open the services.html page from your fishcreek4 folder. Replace the “Fish Creek Animal Hospital” heading with the fishcreeklogo.gif. Configure the navigation areas in a similar way as the home page. Save and test your new services.html page.

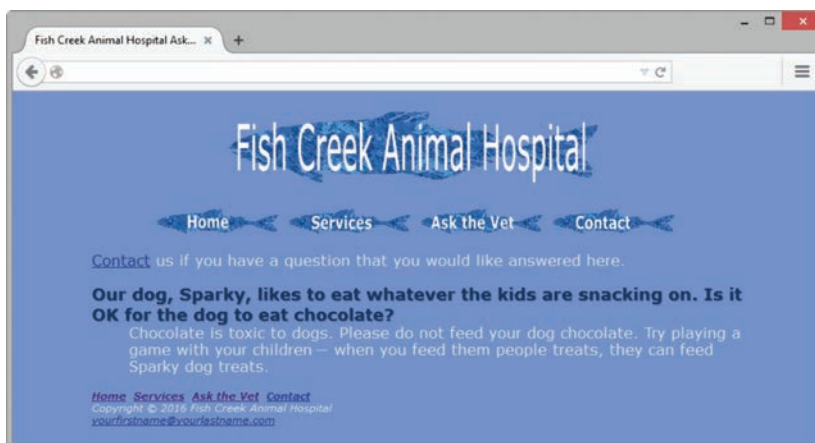


Figure 4.51 Fish Creek askvet.html

Task 4: The Ask the Vet Page. Use the Services page as the starting point for the Ask the Vet page. Launch a text editor, and open the `services.html` file in the `fishcreek4` folder. Save the file as `askvet.html`. Modify the `askvet.html` file to look similar to the Ask the Vet page, as shown in Figure 4.51:

1. Change the page title to an appropriate phrase.
2. Delete the unordered list from the page.
3. The page content consists of a paragraph of text followed by a description list that contains a question and an answer.

a. Configure the text in the paragraph as follows:

Contact us if you have a question that you would like answered here.

b. The word “Contact” should link to the `contact.html` page.

c. The description list displays the question and answer. The `<dt>` element configures the question. Assign the `<dt>` element to the `category` class used on the Services page. The `<dd>` element configures the answer. The content of the description list follows:

Question: Our dog, Sparky, likes to eat whatever the kids are snacking on. Is it OK for the dog to eat chocolate?”

Answer: Chocolate is toxic to dogs. Please do not feed your dog chocolate. Try playing a game with your children — when you feed them people treats, they can feed Sparky dog treats.

d. *Hint:* See Appendix C, “Special Characters,” for the character code to display the em dash (—).

Save the `askvet.html` file. If you test your page in a browser, you’ll notice that it looks different from Figure 4.51—you still need to configure style rules.

Task 5: Configure the CSS. Open `fishcreek.css` in a text editor. Edit the style rules as follows:

1. Modify the style rules for the `wrapper` id. Configure a minimum width of 700px (use `min-width`). Configure a maximum width of 1024px (use `max-width`).
2. Modify the style rules for the `h1` element selector. Delete the `line-height` style declaration. Add a new declaration to center the `h1` content (use `text-align:center`).
3. Modify the style rules for the `nav` element selector. Add a new declaration to center the text (use `text-align:center`).
4. Modify the `category` class to display text with a drop shadow (use `text-shadow: 1px 1px 1px #667`).
5. Add a new style rule for the `img` element selector to display no border.
6. Add a new style rule for the navigation in the footer area (use `footer nav` as the selector) to overrule the previous `nav` style rule and configure text to be left-aligned (use `text-align:left`).

Save the `fishcreek.css` file. Test your pages (`index.html`, `services.html`, and `askvet.html`) in a browser. If your images do not appear or your image links do not work, examine your work carefully. Use Windows Explorer or Mac Finder to verify that the images are saved in your `fishcreek4` folder. Examine the `src` attribute on the `` tags to be sure you

spelled the image names correctly. Another useful troubleshooting technique is to validate the HTML and CSS code. See Chapters 2 and 3 for Hands-On Practice exercises that describe how to use these validators.

Rivercove Inn

See Chapter 2 for an introduction to the Rivercove Inn Case Study. Figure 2.38 shows a site map for Rivercove Inn. The Home page and Activities page were created in earlier chapters. Using the existing website as a starting point, you will modify the design of the pages to display a large image on each page, as indicated in the wireframe in Figure 4.52. You will also create a new page, the Corporate Bookings page. You have five tasks in this case study:

1. Create a new folder for this Rivercove Inn case study, and obtain the starter image files.
2. Modify the Home page to display a logo image and scenic photograph as shown in Figure 4.53.
3. Modify the Activities page to be consistent with the Home page.
4. Create a new Corporate Bookings page, as shown in Figure 4.54.
5. Modify the style rules in the rivercove.css file as needed.

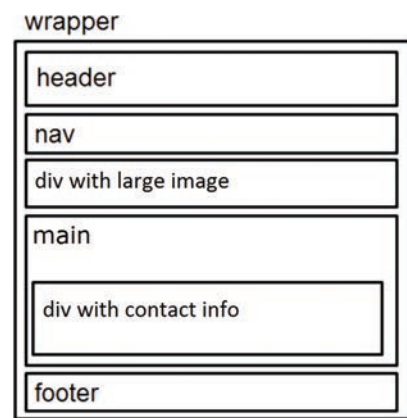


Figure 4.52 New Rivercove Inn wireframe

Hands-On Practice Case

Task 1: Create a folder on your hard drive or portable storage device called rivercove4. Copy all the files from your Chapter 3 rivercovess folder into the rivercove4 folder. Obtain the images used in this case study from the student files. The images are located in the chapter4/casestudystarters/rivercove folder. The images are sunset.jpg, river.jpg, activities.jpg, corporate.jpg, and background.jpg. Save the files in your rivercove4 folder.

Task 2: The Home Page. Launch a text editor, and open the index.html file from your rivercove4 folder. Modify the index.html file to look similar to the web page shown in Figure 4.53. Configure a div element to display the river.jpg image. Code an opening div tag assigned to the id named `homehero` after the closing nav tag. Next, code a closing div tag. As shown in the wireframe in Figure 4.52, this div is located between the nav element and the main element. There is no HTML or text content for this div. The purpose of this div is to display a large image (configured with CSS in Task 5). Save and validate your new index.html page. It will not yet be similar to Figure 4.53; you'll configure CSS in Task 5.

Task 3: The Activities Page. Launch a text editor, and open the activities.html page from your rivercove4 folder. Configure a div element to display the activities.jpg image. Code an opening div tag assigned to the id named `activitieshero` after the closing nav tag. Next, code a closing div tag. As shown in the wireframe in Figure 4.52, this div is located between the nav element and the main element. There is no HTML or text content for this div. The purpose of this div is to display a large image (configured with CSS in Task 5). Save and validate your new activities.html page.

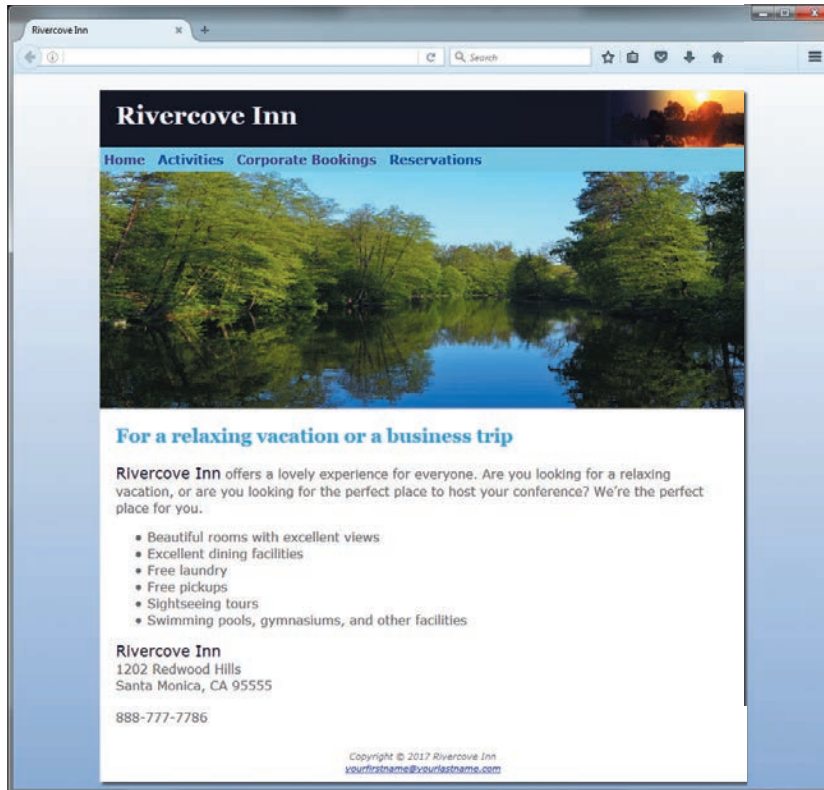


Figure 4.53 New Rivercove Inn Home page

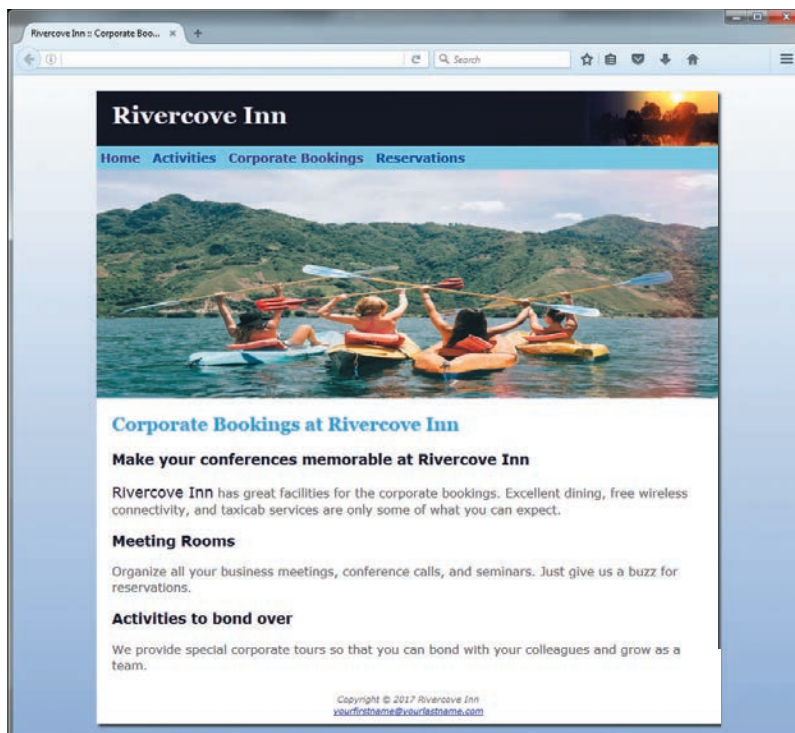


Figure 4.54 Rivercove Inn corporate.html

Task 4: The Corporate Bookings Page. Use the Activities page as the starting point for the Corporate Bookings page. Launch a text editor, and open the activities.html file in the rivercove4 folder. Save the file as corporate.html. Modify the corporate.html file to look similar to the Corporate Bookings page, as shown in Figure 4.54:

1. Change the page title to an appropriate phrase.
2. Change the text in the `<h2>` to be “Corporate Bookings at Rivercove Inn”.
3. Modify the div assigned to the id `activitieshero`. Replace `activitieshero` with `corporatehero`.
4. Delete the description list from the page.
5. Configure the following text, using `h3` tags for the headings and paragraph tags for the sentences:

Make your conferences memorable at Rivercove Inn

Rivercove Inn has great facilities for the corporate bookings. Excellent dining, free wireless connectivity, and taxicab services are only some of what you can expect.

Meeting Rooms

Organize all your business meetings, conference calls, and seminars. Just give us a call for reservations.

Activities to bond over

We provide special corporate tours so that you can bond with your colleagues and grow as a team.

6. Configure a span element to contain the phrase “Rivercove Inn” in the first paragraph on the page. Assign the span to the class named `inn`.

Save the corporate.html file. If you test your page in a browser, you’ll notice that it looks different from Figure 4.54; you still need to configure style rules.

Task 5: Configure the CSS. Open rivercove.css in a text editor. Edit the style rules as follows:

1. Modify the body element selector style rules. Configure background.jpg as the background image.
2. Modify the style rules for the `wrapper` id. Configure the background color to be `#ffffff`. Configure a minimum width of 700px (use `min-width`). Configure a maximum width of 1024px (use `max-width`). Use the `box-shadow` property to configure a drop-shadow effect.
3. Modify the style rules for the `h1` element selector. Configure the sunset.jpg as a background image that displays on the right and does not repeat. Also configure 20 pixels of left padding. Configure a 72-pixel height (the same height as the background image).
4. Modify the style rules for the `nav` element selector. Configure 5 pixels of padding.
5. Modify the style rules for the footer element selector. Configure 10 pixels of padding.
6. Add a new style rule for the `h3` element selector to display `#000033` text color.
7. Add a new style rule for the `main` element selector that configures 20 pixels of left and right padding. Also configure `display: block`; (this will prevent rendering issues in versions of Internet Explorer that do not support the HTML5 main element).

8. Have you noticed extra empty space between the logo header area and the navigation? Let's do something about that. We'll need to use the CSS margin property, which you'll explore in depth in Chapter 6. Modify the style rules for the h1 selector to set the bottom margin to 0 with the following code:

```
margin-bottom: 0;
```

Save the rivercove.css file. Test your pages (index.html, activities.html, and corporate.html) in a browser. The Home page (index.html) should look similar to Figure 4.53. The new Corporate bookings page (corporate.html) should look similar to Figure 4.54. If your images do not appear, examine your work carefully. Use Windows Explorer or Mac Finder to verify that the images are saved in your rivercove4 folder. Examine the src attribute on the tags to be sure you spelled the image names correctly. Another useful troubleshooting technique is to validate the HTML and CSS code. See Chapters 2 and 3 for Hands-On Practice exercises that describe how to use these validators.

Path of Light Yoga Studio

See Chapter 2 for an introduction to the Path of Light Yoga Studio Case Study. Figure 2.42 shows a site map for Path of Light Yoga Studio. The Home page and Classes page were created in earlier chapters. Using the existing website as a starting point, you will modify the design of the pages and create a new page, the Schedule page. You have five tasks in this case study:

1. Create a new folder for this Path of Light Yoga Studio case study, and obtain the starter image files.
2. Modify the Home page to display as shown in Figure 4.55.
3. Modify the Classes page to display as shown in Figure 4.57.
4. Create a new Schedule page, as shown in Figure 4.58.
5. Modify the style rules in the yoga.css file as needed.

Hands-On Practice Case

Task 1: Create a folder on your hard drive or portable storage device called yoga4. Copy all the files from your Chapter 3 yogacss folder into the yoga4 folder. Obtain the images used in this case study from the student files. The images are located in the chapter4/casestudystarters/yoga folder. The images are lilyheader.jpg, yogadoor.jpg, yogalounge.jpg, and yogamat.jpg. Save the files in your yoga4 folder.