

## Chapter Review

### 4-16c Apply: Case Problem 2

**Data Files needed for this Case Problem:** sf\_torte\_txt.html, sf\_effects\_txt.css, 2 CSS files, 9 PNG files

Save your Fork Amy Wu has asked for your help in redesigning her website, *Save your Fork*, a baking site for people who want to share dessert recipes and learn about baking in general. She has prepared a page containing a sample dessert recipe and links to other pages on the website. A preview of the page you'll create is shown in [Figure 4-67](#).

**Figure 4-67**  
**Save your Fork sample recipe page**



Amy has already created a style sheet for the page layout and typography, so your work will be focused on enhancing the page with graphic design styles.

Complete the following:

1

Using your editor, open the **sf\_torte.txt.html** and **sf\_effects.txt.css** files from the `html04 ► case2` folder. Enter ***your name*** and ***the date*** in the comment section of each file, and save them as **sf\_torte.html** and **sf\_effects.css** respectively.

2

Go to the **sf\_torte.html** file in your editor. Within the document head create links to the `sf_base.css`, `sf_layout.css`, and `sf_effects.css` style sheet files in that order. Take some time to study the structure of the document and then close the document, saving your changes.

3

Go to the **sf\_effects.css** file in your editor. Within the Body Header Styles section, create a style rule for the `body` element to add drop shadows to the left and right border of the page body with an offset of 10 pixels, a blur of 50 pixels, and the color `rgb(51, 51, 51)`. Note that the right border is a mirror image of the left border.

4

Go to the Navigation Tabs List Styles section. Amy has created a navigation list with the class name `tabs` that appears at the top of the page with the body header. Create a style rule for the `body > header nav.tabs` selector that changes the background to the image file `sf_back1.png` with no tiling, centered horizontally and vertically within the element and sized to cover the entire navigation list.

5

Amy wants the individual list items in the `tabs` navigation list to appear as tabs in a recipe box. She wants each of these “tabs” to be trapezoidal in shape. To create this effect, you’ll create a style rule for the `body > header nav.tabs li` selector that transforms the list item by setting the perspective of its 3D space to 50 pixels and rotating it 20° around the x-axis.

6

As users hover the mouse pointer over the navigation tabs, Amy wants a rollover effect in which the tabs appear to come to the front. Create a style rule for the `body > header nav.tabs li` selector that uses the pseudo-element `hover` that changes the background color to `rgb(231, 231, 231)`.

7

Go to the Left Section Styles section. Referring to [Figure 4-67](#), notice that in the left section of the page, Amy has placed two vertical navigation lists. She wants these navigation lists to have rounded borders. For the vertical navigation lists in the left section, create a style rule for the `section#left nav.vertical` selector that adds a 1-pixel solid border with color value `rgb(20, 167, 170)` and has a radius of 25 pixels at each corner.

8

The rounded corner also has to apply to the `h1` heading within each navigation list. Create a style rule for `h1` elements nested within the left section vertical navigation list that sets the top-left and top-right corner radii to 25 pixels.

9

Go to the Center Article Styles section. The `article` element contains an image and brief description of the Apple Bavarian Torte, which is the subject of this sample page. Create a style rule for the `section#center article` selector that adds the following: a) a radial gradient to the background with a white center with a color stop of 30% transitioning to `rgb(151, 151, 151)`, b) a 1-pixel solid border with color value `rgb(151, 151, 151)` and a radius of 50 pixels, and c) a box shadow with horizontal and vertical offsets of 10 pixels with a 20-pixel blur and a color of `rgb(51, 51, 51)`.

10

Go to the Blockquote Styles section. Amy has included three sample reviews from users of the Save your Fork website. Amy wants the text of these reviews to appear within the image of a speech bubble. For every `blockquote` element, create a style rule that does the following: a) sets the background image to the `sf_speech.png` with no tiling and a horizontal and vertical size of 100% to cover the entire block quote, and b) uses the `drop-shadow` filter to add a drop shadow around the speech bubble with horizontal and vertical offsets of 5 pixels, a blur of 10 pixels and the color `rgb(51, 51, 51)`.

11

Amy has included the photo of each reviewer registered on the site within the citation for each review. She wants these images to appear as circles rather than squares. To do this, create a style rule for the selector `cite img` that sets the border radius to 50%.

12

Save your changes to the style sheet file and then open `sf_torte.html` in your browser. Verify that the design of your page matches that shown in [Figure 4-67](#). Confirm that when you hover the mouse over the navigation tabs the

background color changes to match the page color. (Note: Some versions of Internet Explorer do not support the `filter` style, which means that you will not see drop shadows around the speech bubbles.)

Chapter 4: Graphic Design with CSS: 4-16c Apply: Case Problem 2  
Book Title: New Perspectives on HTML5, CSS3, and JavaScript  
Printed By: John Mensing (jmensing@brookdalecc.edu)  
© 2018 Cengage Learning, Cengage Learning

© 2018 Cengage Learning Inc. All rights reserved. No part of this work may be reproduced or used in any form or by any means - graphic, electronic, or mechanical, or in any other manner - without the written permission of the copyright holder.