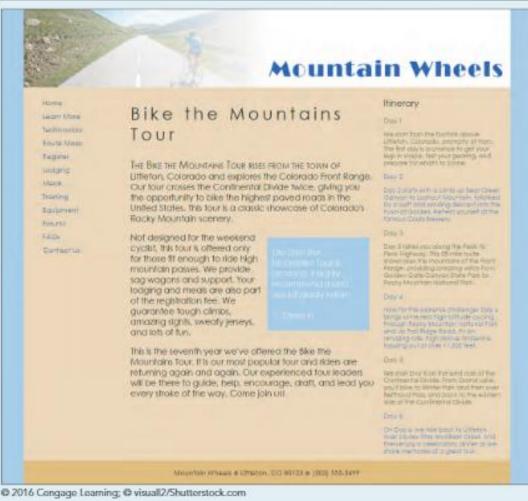## Case Problem 2

Data Files needed for this Case Problem: mw_styles_txt.css, mw_tour_txt.html, 1 CSS file, 1 PNG file

Mountain Wheels Adriana and Ivan Turchenko are the co-owners of Mountain Wheels, a bike shop and touring company in Littleton, Colorado. One of their most popular tours is the Bike the Mountains Tour, a six-day excursion over some of the highest roads in Colorado. Adriana wants to update the company's website to provide more information about the tour. She already has had a colleague design a three-column layout with a list of links in the first column and descriptive text in the second and third columns. She has asked for your help in completing the design by formatting the text and colors in the page. Figure 2-55 shows a preview of the design used in the final page.

Figure 2-55   Description of the Bike the Mountains tour

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Complete the following:

1. Using your editor, open the **mw_tour_txt.html** and **mw_styles_txt.css** files from the html02 ▸ case2 folder. Enter *your name* and *the date* in the comment section of each file, and save them as **mw_tour.html** and **mw_styles.css** respectively.

2. Go to the **mw_tour.html** file in your HTML editor. Within the document head, create links to the **mw_layout.css** and **mw_styles.css** style sheet files. Study the content and structure of the document and then close the file, saving your changes.

3. Go to the **mw_styles.css** file in your editor. At the top of the file, insert the `@charset` rule to set the encoding for this style sheet to utf-8.

4. Go to the Structural Styles section and create a style rule that sets the background color of the browser window to rgb(173, 189, 227).

5. Create a style rule for the `body` element that sets the background color to rgb(227, 210, 173) and sets the body font to the font stack: 'Century Gothic', sans-serif.

6. Create a style rule to display the body footer with a background color of rgb(208, 184, 109) and set the top and bottom padding space to 5 pixels.

7. Create a style rule for the `address` element to display the text in a normal font with a font size of 0.9em, horizontally center the text, and set the top and bottom padding to 10 pixels.

8. Go to the Heading Styles section and create a style rule to set the font weight of all h1 and h2 headings to normal.

9. Go to the Navigation Styles section and create a style rule for the `nav > ul` selector that removes all list markers, sets the line height to 2em, and sets the font size to 0.9em.

10. For every previously visited or unvisited hypertext link within the navigation list, create a style rule to remove the underlining from the hypertext link and to set the text color to rgb(43, 59, 125).

11. For every hovered or active link within the navigation list, create a style rule to set the text color to rgb(212, 35, 35).

12. Adriana has put information about the tour in an article with the ID "tour_summary". Format this article, starting with the heading. Go to the Article Styles section and create a style rule for `h1` elements nested within the tour_summary article that sets the font size to 2.2em and the letter spacing to 0.2em.

13. Create a style rule for paragraphs within the tour_summary article that sets the font size to 1.1em.

⊕ **Explore** 14. Adriana wants the first line in the tour_summary article to appear in small capital letters. Use the `first-of-type` pseudo-class and the `first-line` pseudo-element to create a style rule that displays the first line of the first paragraph within the tour_summary article at a font size of 1.2em and in small caps.

15. The tour itinerary is displayed within an `aside` element with the ID *tour_itinerary*. Go to the Aside Styles section and for every `h1` element nested within the tour_itinerary `aside` element, create a style rule that sets the font size to 1.2em.

16. For every h2 element within the tour_itinerary `aside` element, set the font size to 0.9em.

17. Set the font size of paragraphs within the tour_itinerary `aside` element to 0.8em.

⊕ **Explore** 18. Adriana wants the text color of each day's schedule to alternate between gray and blue. Create the following style rules:

    a. For odd-numbered h2 headings and paragraphs that set the font color to rgb(79, 91, 40). (*Hint*: Use the `nth-of-type(odd)` pseudo-class.)

    b. For even-numbered h2 headings and paragraphs that set the font color to rgb(81, 95, 175). (*Hint*: Use the `nth-of-type(even)` pseudo-class.)

19. The page contains a review within a block quote. Go to the Blockquote Styles section and create a style rule for the `blockquote` element that sets the background color to rgb(173, 189, 227) and the text color to the rgb(255, 255, 255) with an opacity of 0.65.

20. For every paragraph within the `blockquote` element create a style rule that sets the top/bottom padding space to 2.5 pixels and the left/right padding space to 10 pixels.

21. Save your changes to the file and then open the **mw_tour.html** file in your browser. Verify that your design matches that shown in Figure 2-55 including the format applied to the first paragraph of the tour_itinerary article and the alternating colors used in the listing of the itinerary days.