Independent Challenge 3

As you continue your work on the website for Hotel Natoma, you incorporate links between pages as well as to external websites, and incorporate navigational accessibility features.

    a. In your editor, open the file HTM_F-17.html from the IC3 folder where you store your Data Files for this unit, save it as **index.html**, then repeat to save the file HTM_F-18.html as **nearby.html**, and HTM_F-19.css as **styles.css**.

    b. Within the comment section at the top of each file, enter your first and last names and today's date, then save your changes.

    c. Return to index.html in your editor, then below the `header` element add a `nav` element with a `class` value of `sitenavigation`.

    d. Within the `nav` element, create 3 p elements containing the text **Home**, **What's Nearby**, and **Location**. Link the text Home to index.html and What's Nearby to nearby.html. (*Hint*: Replace the curly apostrophe in What's Nearby with the character reference `’`.)

    e. In your browser, navigate to a map service, then, using the address in the `footer` element of index.html, open a map showing that location. Copy the URL (or a short link) to the Clipboard, return to index.html in your editor, then, using the URL you copied, add a link to the word **Location** on the nav bar, specifying that the file should open in a new browser tab. Save your changes.

f. Copy the `nav` element from index.html, return to nearby.html in your editor, then paste the `nav` element below the `header` element. Save your changes.

g. Return to styles.css in your editor, above the main content section add a comment containing the text **site navigation**, then below the comment, create the following style rules:

- For the `nav` element with the `class` value `sitenavigation`, set the width to 20%, padding to 2%, and float the element on the left.
- For p elements within the `nav` element with the `class` value `sitenavigation`, set the bottom margin to 0.5em.
- For default links within the `nav` element with the `class` value `sitenavigation`, set text color to `white`, the font weight to bold, and remove underlines.
- For visited links within the `nav` element with the `class` value `sitenavigation`, set text color to `#ddd`.
- For links that the mouse pointer is over or that have the focus and that are within the `nav` element with the `class` value `sitenavigation`, create a text shadow with 0 horizontal offset, 0 vertical offset, 5px blur, and a color of `#082008`.
- For links that are being clicked and that are within the `nav` element with the `class` value `sitenavigation`, set a relative position 1px down from the top and 1px over from the left.

h. Save your changes to styles.css, return to index.html in your editor, then in the opening `<p>` tag in the `article` element, add an `id` value of `contentstart`.

i. Below the opening `<div>` tag with the `class` value `container`, add a p element with the `class` value skipnavigation. Within the p element, add the text **Skip navigation** and link it to the element with the `id` value contentstart. Save your changes.

j. Repeat Steps h and i for nearby.html, adding the id value to the h2 element.

k. Return to styles.css in your editor, then above the `header` section, add a comment containing the text **skip navigation** link. Below it, add the following style rules:

   - For a elements within the p element with the `class` value skipnavigation, set an absolute position -10000px from the left.
   - For a elements with the focus that are within the p element with the `class` value skipnavigation, set the position 0.2em from the left and 0.2em from the top, set the background color to linen, set the text color to #082008, and set a z-index of 2.

l. In the print styles section, add a style rule before the existing first style rule that sets `float` to `none` for the article element and sets its width to 100%, then add another style rule before the `@page` rule that removes nav elements from the layout for printed output.

m. Save your changes, open nearby.html in a browser, then compare it to **FIGURE F-26**.

n. Test all the links on both index.html and nearby. html, test the Skip navigation link using a keyboard, then create a print preview and verify that the nav bar is not displayed, the article element is positioned at the left edge of the container, and all content is displayed as black text on a white background.

o. Validate the code for your web pages and style sheet.

FIGURE F-26