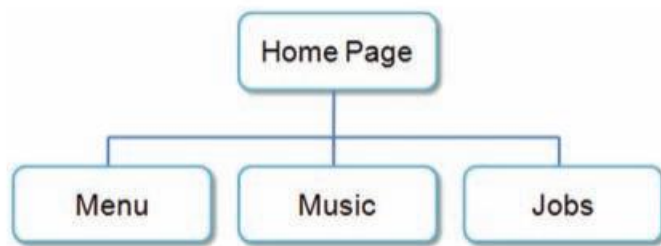# CASE STUDY

JavaJam Coffee House Julio Perez is the owner of the JavaJam Coffee House, a gourmet coffee shop that serves snacks, coffee, tea, and soft drinks. Local folk music performances and poetry readings are held a few nights during the week. The customers of JavaJam are mainly college students and young professionals. Julio would like a web presence for his shop that will display his services and provide a calendar for the performances. He would like a home page, menu page, music performance schedule page, and job opportunities page.

A site map for the JavaJam Coffee House website is shown in Figure.

The site map describes the architecture of the website, which consists of a "Home" page with three main content pages: "Menu," "Music," and "Jobs."
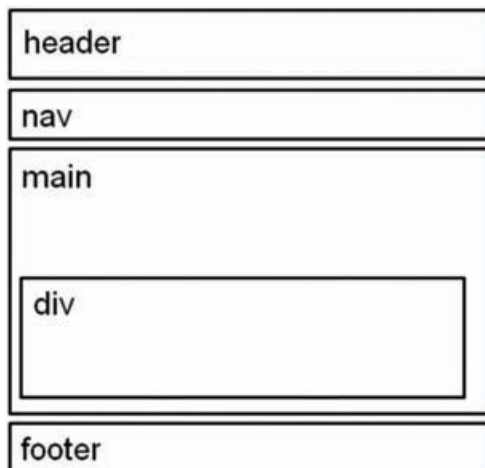

Figure displays a wireframe sketch of the page layout for the website. It contains a header area, a navigation area, a main content area, and a footer area for copyright information.

You have the following tasks:

1. Create a new folder for this JavaJam case study.
2. Create an external style sheet named javajam.css that configures the color and text for the JavaJam website.
3. Modify the Home page to utilize an external style sheet to configure colors and fonts. The new Home page and color swatches are shown in Figure

4. Modify the Menu page to be consistent with the new Home page.
5. Configure centered page layout.

Hands-On Practice Case

Task 1: Create a folder on your hard drive or portable storage device called javajamcss. Copy all the files from your Chapter 2 javajam folder into the javajamcss folder.

Task 2: The External Style Sheet. You will use a text editor to create an external style sheet named javajam.css. Code the CSS to configure the following:

1. Global styles for the document (use the body element selector) with background color #FCEBB6; text color #221811; and Verdana, Arial, or any sans-serif font.
2. Styles for the header element selector that configure background color #D2B48C centered text.
3. Styles for the h1 element selector that configure 200% line height.
4. Styles for the nav element selector that configure centered, bold text. Hint: Use the CSS text-align and font-weight properties.
5. Styles for the footer element selector that configure background color #D2B48C, small font size (.60em), italics, and centered text.

Save the file as javajam.css in the javajamcss folder. Check your syntax with the CSS validator (http://jigsaw.w3.org/css-validator). Correct and retest if necessary.

Task 3: The Home Page. Launch a text editor, and open the index.html file. You will modify this file to apply styles from the javajam.css external style sheet as follows:

1. Add a <link> element to associate the web page with the javajam.css external style sheet file.
2. Configure the navigation area. Remove the <b> elements which are no longer needed because you have configured bold text with CSS.
3. Configure the page footer area. Remove the <small> and <i> elements—they are no longer needed since CSS is now used to configure the text.

Save the index.html file, and test it in a browser. Your page should look similar to the one shown in Figure on the top except that your page content will be left-aligned instead of centered. Don't worry—you'll center your page layout in Task 5 of this case study.

Task 4: The Menu Page. Launch a text editor, and open the menu.html file. You will modify this file in a similar manner as you modified the home page: Add the <link> element and configure the navigation and page footer areas. Save and test your new menu.html page. It should look similar to the one shown in Figure

, except for the alignment.

ASSIGNMENT SUBMISSION:

Compress the JavaJam folder and send it to Google Drive
https://docs.google.com/forms/d/e/1FAIpQLSf9gGF_OlutDh665-cGna27QtGFd6dS8rHiQTvWDcN0knc-VQ/viewform?usp=dialog