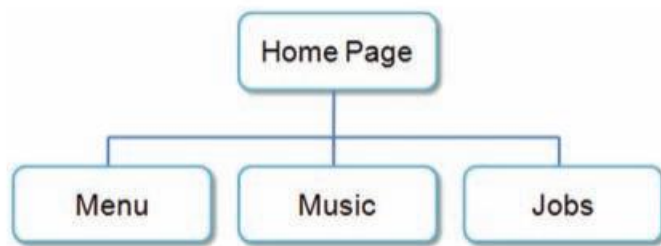


## CASE STUDY

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.”

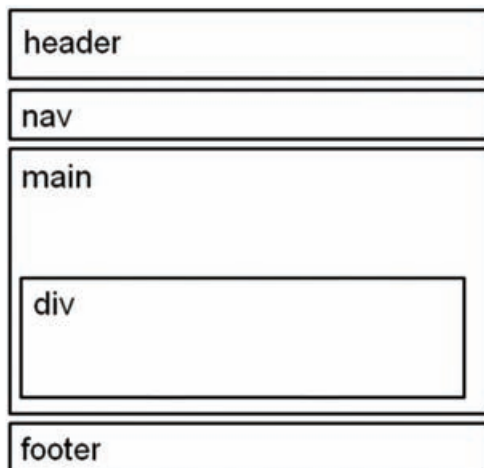


Figure displays a wireframe sketch of the page layout for the website. It contains a header area, a navigation area, a main content area, and a footer area for copyright information.

You have three tasks in this case study:

1. Create a folder for the JavaJam website.
2. Create the Home page: index.html.
3. Create the Menu page: menu.html.

### Hands-On Practice Case Study

**Task 1:** Create a folder on your hard drive or portable storage device (thumb drive or SD card) called “javajam” to contain your JavaJam website files.

**Task 2:** The Home Page. You will use a text editor to create the Home page for the JavaJam Coffee House website. The Home page is shown in Figure



Launch a text editor, and create a web page with the following specifications:

1. Web Page Title. Use a descriptive page title. The company name is a good choice for a business website.
2. Wireframe Header. Code the header element with the text, "JavaJam Coffee House" contained within a heading 1 element.
3. Wireframe Navigation. Place the following text within a nav element with bold text (use the `<b>` element):  
Home Menu Music Jobs  
Code anchor tags so that "Home" links to index.html, "Menu" links to menu.html, "Music" links to music.html, and "Jobs" links to jobs.html. Add extra blank spaces between the hyperlinks with the `&nbsp;` special character as needed.
4. Wireframe Main Content. Code the main page content within a main element. Use Hands-On Practice 2.10 as a guide.
  - a. Code the following text within an h2 element:  
Relax at JavaJam
  - b. Configure the following content in an unordered list:  
Specialty Coffee and Tea  
Bagels, Muffins, and Organic Snacks  
Music and Poetry Readings  
Open Mic Night
  - c. Code the following address and phone number contact information within a div element. Use line break tags to help you configure this area and add extra space between the phone number and the footer area.

54321 Route 42  
Ellison Bay, WI 54210  
888-555-5555

5. Wireframe Footer. Configure the following copyright and e-mail link information within a footer element. Format it with small text size (use the `<small>` tag) and italics font style (use the `<i>` tag).

Copyright © 2016 JavaJam Coffee House

Place your name in an e-mail link on the line under the copyright.

The page in Figure on the top may seem a little sparse, but don't worry; as you gain experience and learn to use more advanced techniques, your pages will look more professional. White space (blank space) on the page can be added with `<br>` tags where needed. Your page does not need to look exactly the same as the sample. Your goal at this point should be to practice and get comfortable using HTML.

Save your page in the javajam folder, and name it index.html.

**Task 3:** The Menu Page. Create the Menu page shown in Figure



A technique that improves productivity is to create new pages based on existing pages so that you can benefit from your previous work. Your new Menu page will use the index.html page as a starting point.

Open the index.html page for the JavaJam website in a text editor. Select File > Save As, and save the file with the new name of menu.html in the javajam folder. Now you are ready to edit the page.

1. Web Page Title. Modify the page title. Change the text contained between the <title> and </title> tags to the following:  
JavaJam Coffee House Menu
2. Wireframe Main Content.
  - a. Delete the Home page content unordered list and contact information.
  - b. Replace the text in the h2 element with the following:  
Coffee at JavaJam
  - c. Use a description list to add the menu content to the page. Use the <dt> tag to contain each menu item name. Configure the menu item name to have strong importance and display in bold font weight with the <strong> tag. Use the <dd> tag to contain the menu item description. Configure line break tags as needed to display two lines of information within each dd element. The menu item names and descriptions are as follows:  
**Just Java**  
Regular house blend, decaffeinated coffee, or flavor of the day.  
Endless Cup \$2.00  
**Cafe au Lait**  
House blended coffee infused into a smooth, steamed milk.  
Single \$2.00 Double \$3.00  
**Iced Cappuccino**  
Sweetened espresso blended with icy-cold milk and served in a chilled glass.  
Single \$4.75 Double \$5.75

Save your page, and test it in a browser. Test the hyperlink from the menu.html page to index.html. Test the hyperlink from the index.html page to menu.html. If your links do not work, review your work, paying close attention to these details:

- Verify that you have saved the pages with the correct names in the correct folder.
- Verify your spelling of the page names in the anchor elements.

Test again after you make changes.

## ASSIGNMENT SUBMISSION:

Compress the JavaJam folder and send it to Google Drive

