FIGURE 7-6. Photo gallery pages.

Like more practice?

If you'd like more practice, you'll find three additional images (*chicken-800.jpg*, *fries-800.jpg*, and *tabouleh-800.jpg*) with their thumbnail versions (*chicken-200.jpg*, *fries-200.jpg*, and *tabouleh-200.jpg*) in their appropriate directories. This time, you'll need to add your own descriptions to the home page and create the HTML documents for the full-size images from scratch.

EXERCISE 7-1. Adding and linking images

In this exercise, you'll add images to pages and use them as links. All of the full-size photos and thumbnails (small versions of the images) you need have been created for you, and I've given you a head start on the HTML files with basic styles as well. The starter files and the resulting code are available at *learningwebdesign.com/5e/materials.* Put a copy of the *gallery* folder on your hard drive, making sure to keep it organized as you find it.

This little site is made up of a main page (*index.html*) and three separate HTML documents containing each of the larger image views (FIGURE 7-6). First, we'll add the thumbnails, and then we'll add the full-size versions to their respective pages. Finally, we'll make the thumbnails link to those pages. Let's get started.

Open the file *index.html*, and add the small thumbnail images to this page to accompany the text. I've done the first one for you:

```
<p><img src="thumbnails/bread-200.jpg" alt="close-up of sliced rustic
bread" width="200" height="200"><br>We start our day at the…
```

I've put the image at the beginning of the paragraph, just after the opening **<p>** tag. Because all of the thumbnail images are located in the *thumbnails* directory, I provided the pathname in the URL. I added a description of the image with the **alt** attribute, and because I know these thumbnails will appear at exactly 200 pixels wide and high on all devices, I've included the **width** and **height** attributes as well to tell the browser how much space to leave in the layout. Now it's your turn.

1. Add the thumbnail images *burgers-200.jpg* and *fish-200.jpg* at the beginning of the paragraphs in their respective sections, following my example. Be sure to include the pathnames and thoughtful alternative text descriptions. Finally, add a line break (**
) after the **img element.

   When you are done, save the file and open it in the browser to be sure that the images are visible and appear at the right size.

2. Next, add the images to the individual HTML documents. I've done *bread.html* for you:

```
<h1>Gallery: Baked Goods</h1>
<p><img src="photos/bread-800.jpg" alt="close-up of sliced rustic
bread" width="800" height="600"></p>
```

   Notice that the full-size images are in a directory called *photos*, so that needs to be reflected in the pathnames. Notice also that because this page is not designed to be responsive, and the images will be a fixed size across devices, I went ahead and included the **width** and **height** attributes here as well.

   Add images to *burgers.html* and *fish.html*, following my example. Hint: all of the images are 800 pixels wide and 600 pixels high.

   Save each file, and check your work by opening them in the browser window.

3. Back in *index.html*, link the thumbnails to their respective files. I've done the first one:

```
<p><a href="bread.html"><img src="thumbnails/bread-200.jpg" alt="close-
up of sliced rustic bread" width="200" height="200"></a><br>We start
our day at the crack of dawn…
```

   Notice that the URL is relative to the current document (*index.html*), not to the location of the image (the *thumbnails* directory).

   Make the remaining thumbnail images link to each of the documents. If all the images are visible and you are able to link to each page and back to the home page again, then congratulations, you're done!