Specifications

General

- Develop a website that consists of at least three pages: a home page and two content pages.
- You decide what subject you're going to use for your website. It can be about you, a relative, a friend, a pet, a course, a hobby, a product, an issue…you decide.
- Be sure that you know enough about the subject of your website so it will be easy for you to create the content for your pages. If possible, you should also have three or more related image files that you can use in your web pages.

Content

The goal of these projects is to give you a chance to develop a small website using HTML and CSS, not to create content. With that in mind, you should feel free to:

- Copy content from other websites or sources and adapt it to your own website
- Copy images from other websites or sources

Skills

As you develop your website, you should of course demonstrate your HTML and CSS skills. To that end, the initial version of your website should show your mastery of:

- Headings, text, and character entities
- Links and lists
- Images
- Margins and padding
- Borders and backgrounds
- Floating
- Responsive Web Design

Design, graphics, and typography

- Use the principles and guidelines presented in this book and especially in chapter 18 to make the design of your website as effective as possible.
- Implement the first two guidelines in figure 18-5 to let the users know where they are in your website.
- Implement the typographical guidelines in figure 18-8 throughout your site.
- Do your best to implement the graphics design principles in figure 18-8.
- Do your best to write for the web by implementing the guidelines in figure 18-9.
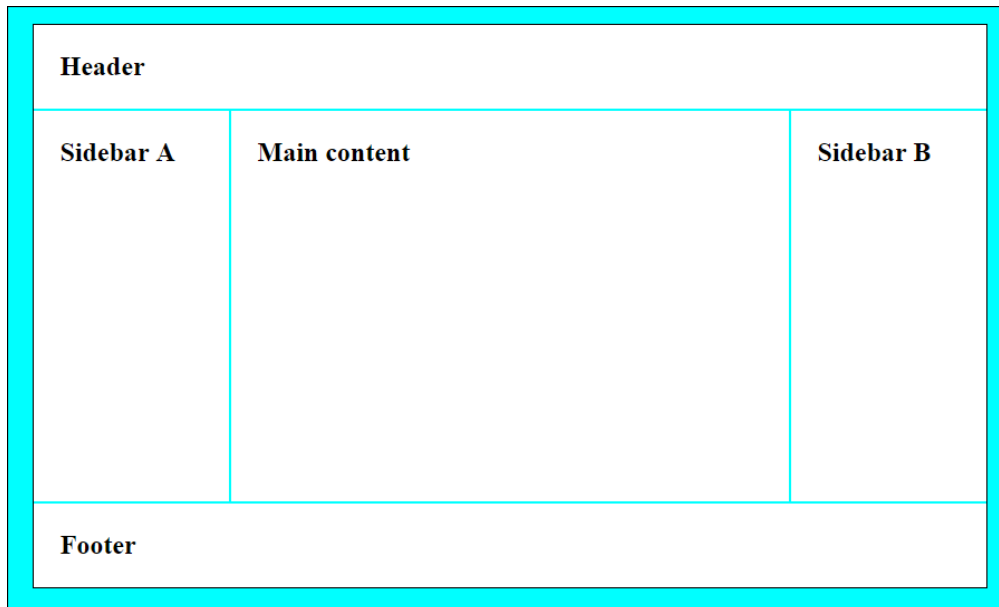
HTML and CSS files and directories

- The HTML file for the home page should be named index.html.
- The names of the other pages should indicate what the pages represent.
- The images for the website should be stored in a directory named images, the CSS files should be stored in a directory named styles, and the HTML files should be stored in the root directory for the website.

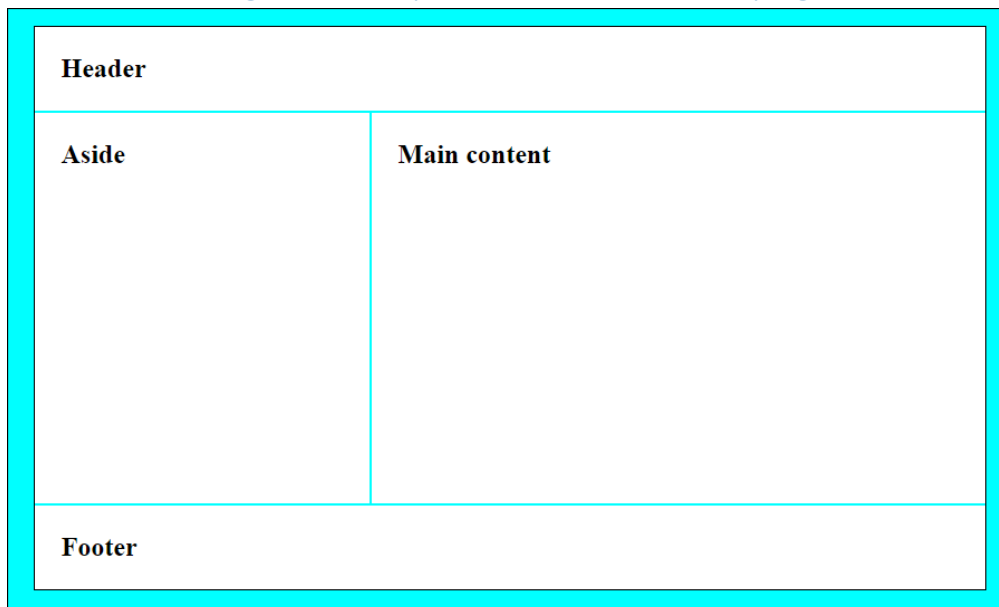# Layout:Three-column home page with two-column content pages

This project asks you to develop a website that consists of a home page and two or more other pages. For this project, the home page has three columns, and the content pages have two columns.

Sketch of the general layout of the home page

Header		
Sidebar A	Main content	Sidebar B
Footer		

Sketch of the general layout of the content pages

Header	
Aside	Main content
Footer	

Page layout

- Each page should be fixed width and centered in the browser window.
- The header for each page should include a website title and a tag line, but a logo image is optional.
- You don't have to use borders for any of the components of a page. The sketches above are just intended to show you what the components of the pages should be.

Page contents

- The section for the home page should include an image and text.
- The home page should include an unordered or ordered list. This list can be in the section or either one of the asides.
- The left aside for the home page should include at least two links to other pages. The left aside for the other pages should include at least a link back to the home page.
- Beyond these minimal specifications, you are free to present your content in whatever way you think works the best. For instance, you can have links, images, and content in both the sections and asides. Have some fun with it.
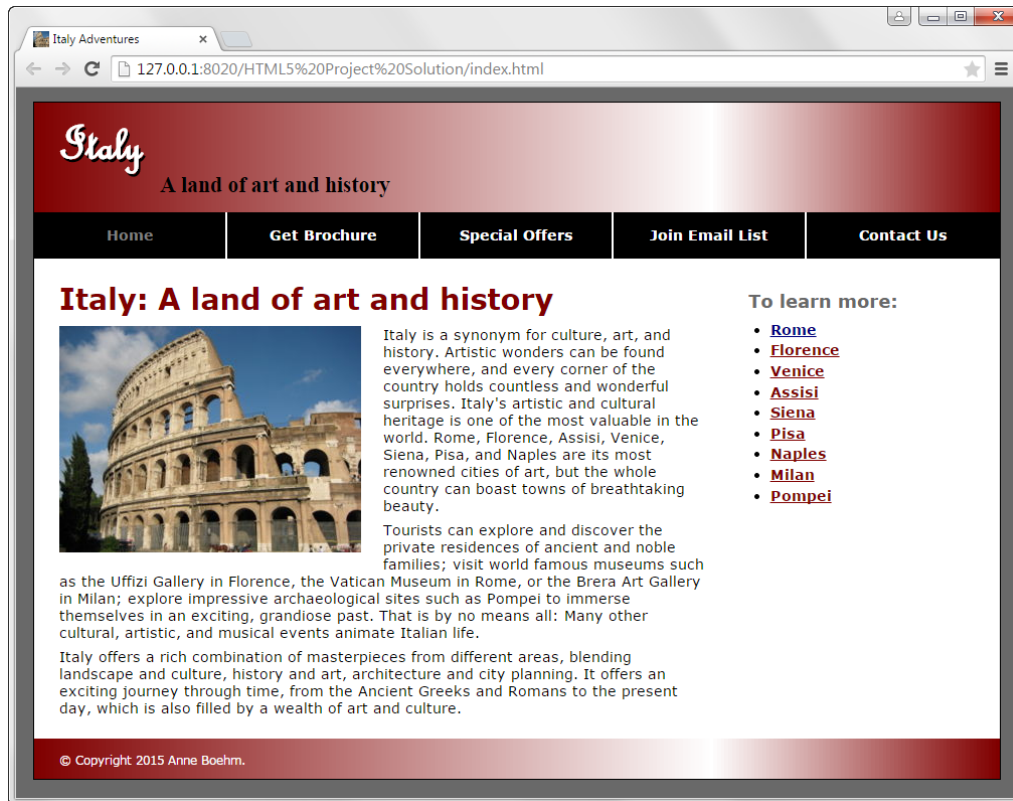
HTML and CSS files and directories

- You should use one style sheet named main.css for the home page and another style sheet named content.css for the other pages. You should also use the normalize.css style sheet for each page.
- As you enhance your website using the skills of chapters 9 through 17, you can create other style sheets if you think they're necessary.

Sample project

The four pages that follow illustrate an acceptable implementation of the page layout described in project 2. They include features that were presented in sections 1, 2, and 3 of the book. You can use these pages to give you an idea of what you can do as you develop your own project.
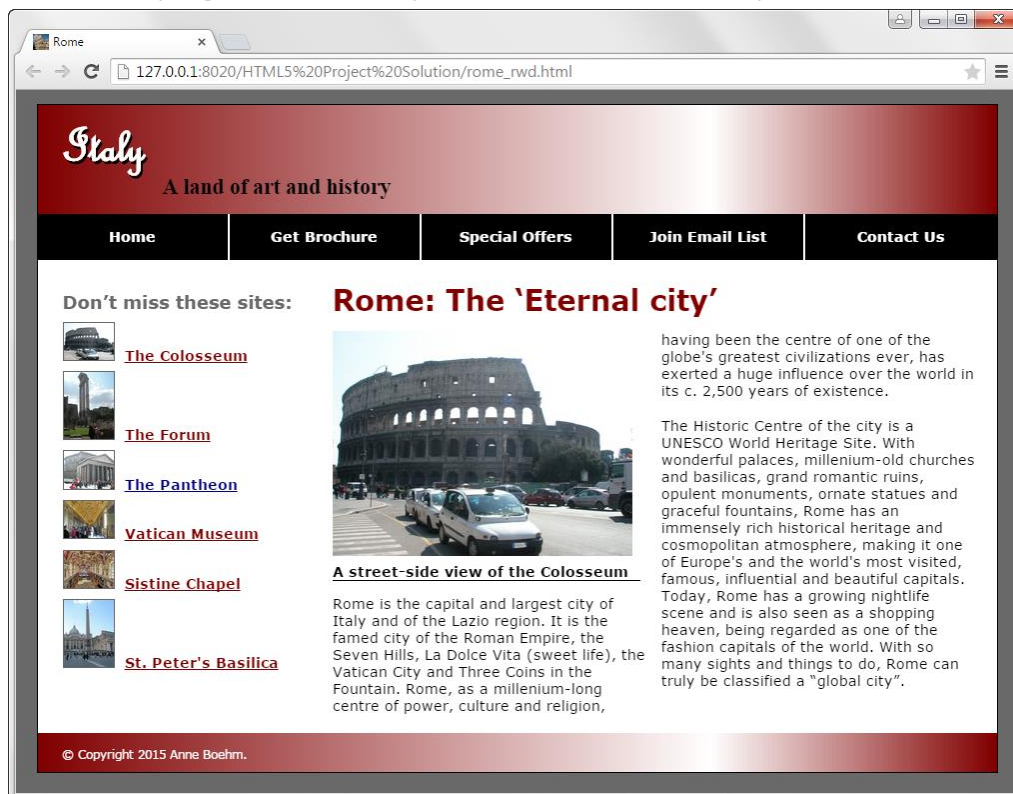
Home page

Features

- Various heading levels and fonts including an embedded font
- 2-column layout with right sidebar
- Text with floated image in section
- List with links in sidebar
- Horizontal navigation menu
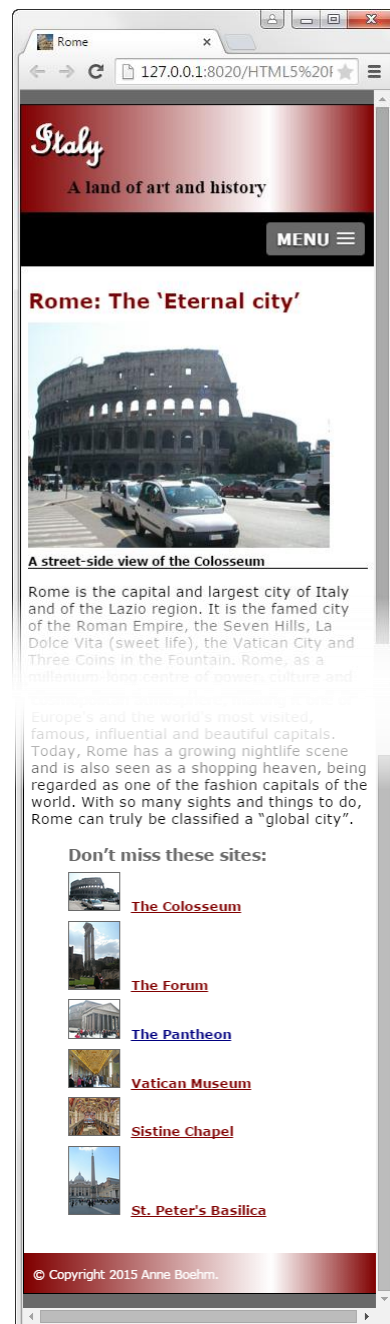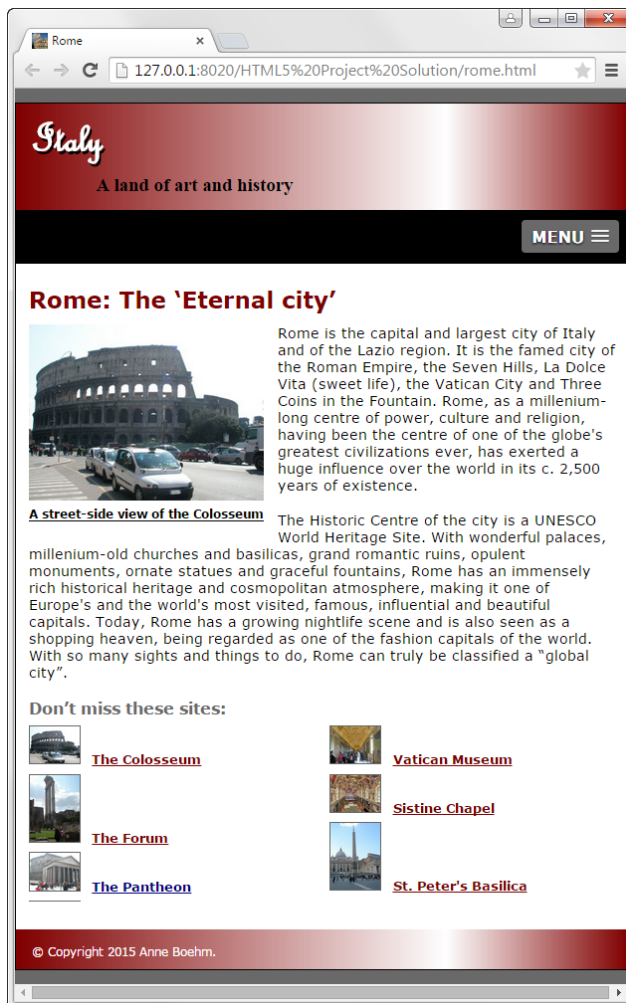- Gradient in header and footer
- Character entity in footer

Content page 1: Desktop and tablet landscape

Content page 1: Tablet portrait
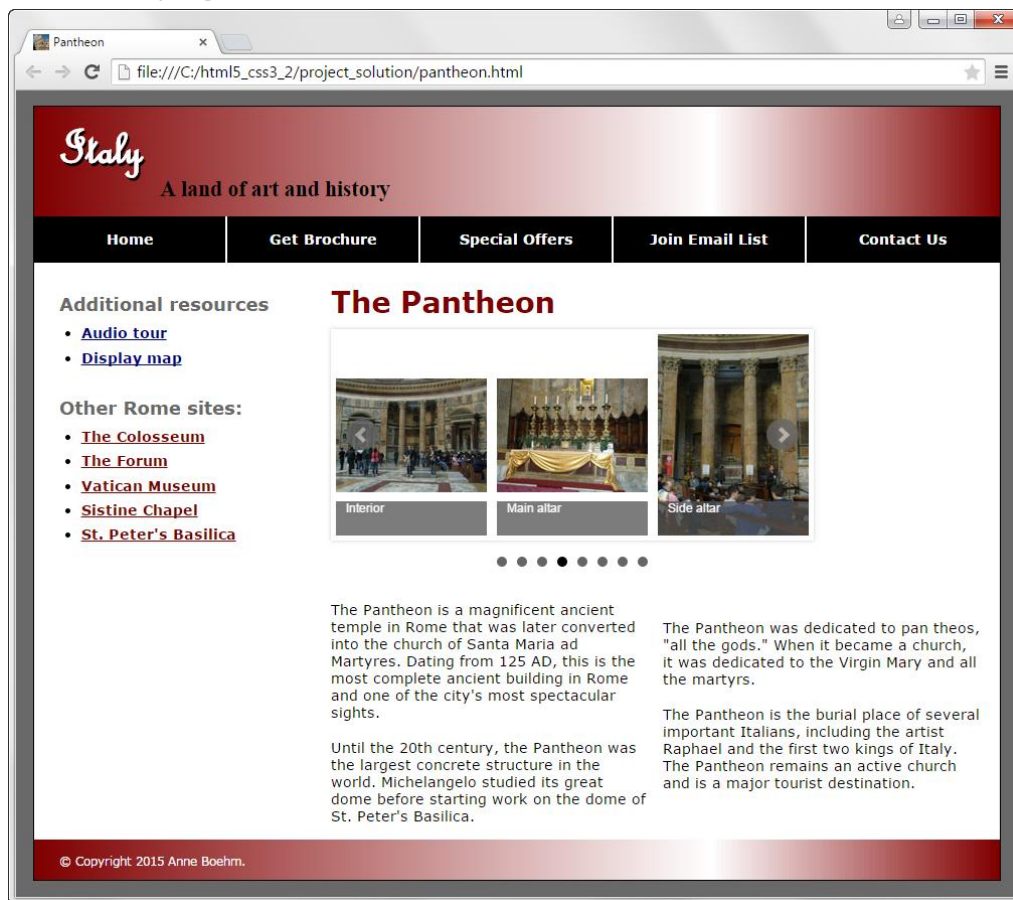
Content page 1: Mobile landscape and portrait

Features

- 2-column layout with left sidebar (desktop and tablet only)
- List with image links in sidebar
- 2-column article in section (desktop and tablet only)
- Figure with image and caption
- Fluid layout
- Scalable image in article
- Media queries for screen media type

Content page 2

Features

- Carousel
- Link to audio file
- Link to PDF file