# Chapter 1

Objectives in this chapter:

■■ Objective 1.1: Create the document structure

■■ Objective 1.2: Write code that interacts with UI controls

■■ Objective 1.3: Apply styling to HTML elements programmatically

■■ Objective 1.4: Implement HTML5 APIs

■■ Objective 1.5: Establish the scope of objects and variables

■■ Objective 1.6: Create and implement objects and methods

Obejective 1.1: Create the document structure

This objective covers how to:

■■ Use HTML5 semantic markup

■■ Create a layout container in HTML

■■ Optimize for search engines

■■ Optimize for screen readers

Use HTML5 semantic mark-up