**Chapter 7**

**Knowledge Goals**

* To learn how to write a user-defined class.
* To understand how the Enumeration type can increase the readability of programs.
* To learn how to create a package.
* To learn how to generate Javadoc documents.

**Skill Goals**

*To be able to:*

* Create a user-defined class including constructors, accessors, mutators, special purpose methods, as well as a toString and an equals method.
* Define and use static methods and static data in a user-defined class.
* Use a user-defined class in a client program.
* Define and use an enum type in a program.
* Create a package, add a class to the package, and import the class into another program.
* Add Javadoc comments to a program and generate the documentation files.