**Chapter 5 Flow of Control, Part 1: Selection**

5.1 Forming Conditions

5.1.1 Equality Operators

5.1.2 Relational Operators

5.1.3 Logical Operators

DeMorgan’s Laws

5.2 Simple Selection with *if*

5.3 Selection Using *if/else*

Block Scope

5.4 Selection Using *if/else if*

5.5 Sequential and Nested *if/else* Statements

5.5.1 Sequential *if/else* Statements

Finding the Minimum or Maximum Values

5.5.2 Nested *if/else* Statements

Dangling *else*

5.6 Testing Techniques for *if/else* Statements

5.7 Programming Activity 1: Working with *if/else*

5.8 Comparing Floating-Point Numbers

5.9 Comparing Objects

5.9.1 The *equals* Method

5.9.2 *String* Comparison Methods

5.10 The Conditional Operator (?:)

5.11 The *switch* Statement

5.12 Programming Activity 2: Using the *switch* Statement