**Chapter 9 Multidimensional Arrays and the *ArrayList* Class**

9.1 Declaring and Instantiating Multidimensional Arrays

9.1.1 Declaring Multidimensional Arrays

9.1.2 Instantiating Multidimensional Arrays

9.1.3 Combining the Declaration and Instantiation of Multidimensional Arrays

9.1.4 Assigning Initial Values to Multidimensional Arrays

9.2 Accessing Multidimensional Array Elements

9.3 Aggregate Two-Dimensional Array Operations

9.3.1 Processing All the Elements of a Two-Dimensional Array

9.3.2 Processing a Given Row of a Two-Dimensional Array

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9.3.4 Processing a Two-Dimensional Array One Row at a Time

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9.4 Two-Dimensional Arrays Passed to and Returned from Methods

9.5 Programming Activity 1: Working with Two-Dimensional Arrays

9.6 Other Multidimensional Arrays

9.7 The *ArrayList* Class

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