

## Guide Chapter 7 Arrays

1. Introduction
2. Array Declaration
  - Another object reference variable, array capacity cannot be changed!
3. Array Access
  - First element in array is at index [0]
4. Input, Output, Simple Processing, and Methods
  - Obtaining data from user, displaying array contents, using array contents
  - Passing array to/from method
5. Reversing an Array
6. Searching an Array
  - Sequential search, binary search
7. Sorting an Array
  - Bubble sort, Arrays Java API class

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8. Two-Dimensional Arrays
  - Declaration, creation, initialization, input, output, processing
  - Passing to/from method, asymmetrical 2D arrays
9. Arrays of Objects

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- Discuss problems at end of chapter
  - 1, 2, 3
  - 4, 5

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