

Beginning J A V A ...

Unit 6: Arrays



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- Lessons:**
- [One Dimensional Arrays](#)
 - [Declaring Arrays](#)
 - [Initializing Arrays](#)
 - [Parallel Arrays](#)
 - [Arrays and Methods](#)
 - [Sequential Search](#)
 - [Binary Search](#)
 - [Sorting Arrays](#)
 - [Bubble Sort](#)
 - [Exchange Sort](#)
 - [Alphabetic Sorting](#)
 - [Selection Sort](#)
 - [Insertion Sort](#)
 - [Built-In Sorting Routine](#)
 - [Banners](#)
 - [Matrices](#)

The following items are available for this unit on the
Resource CD:



- Lessons:**
- Hardcopy lesson handout sheets for each of the on-line lesson pages (16 pages)
- Calendar:**
- Calendar with lesson layout
- Assignments:**
- Worksheet - Arrays (with answers)
 - Working with Numbers (with answers)

- Worksheet - Array, Method, Sum, Percentage (with answers)
- Worksheet - Orange - Sequential Search (with answers)
- Worksheet - Binary Search (with answers)
- Worksheet - Sorting (with answers)
- Worksheet - Sorting and Searching Strings (with answers)
- Worksheet - Matrix Movie Banners (with answers)
- Worksheet - After Quiz (with answer)
- Worksheet - Matrices (with answers)

Projects:

- Detective Program (with .java sample answer)
- Database Sorting Program (with two .java sample answers)
- Deadly Desert Map (Matrices) (with .java sample answer)
- FBI Program (with .java sample answer)
- Histogram (with .java sample answer)
- EyeBall Video Store (with .java sample answer)

Quiz:

- University (with .java sample answer)
- Quiz on Arrays (short response and code -- with answers)

Unit Test:

- Multiple Choice Quiz on Arrays (with answers)
- Unit Test for Arrays (with questions and answer key)

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