

**Assignment 7**

(Due date: Wednesday, 4/22/2009 in class)

Your name:	Score:
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For all the following Java projects, you need to:

- **Print out your source code and staple it together with this paper.**
- **Show the result to the instructor or compress your PROJECT and send the compressed file to the instructor by email.**

**1. Duplicate Elimination:** Use a one-dimensional array to solve the following problem: Write an application that inputs five numbers, each between 10 and 100, inclusive. As each number is read, display it only if it is not a duplicate of a number already read. Provide for the “worst case,” in which all five numbers are different. Use the smallest possible array to solve this problem. Display the complete set of unique values input after the user inputs each new value.

**2.** Rewrite Fig. 7.2 so that the size of the array is specified by the first command-line argument. If no command-line argument is supplied, use 10 as the default size of the array.

**3.** Write an application that uses an enhanced for statement to sum the double values passed by the command-line arguments. [Hint: Use the static method `parseDouble` of class `Double` to convert a `String` to a double value.]