

## CSI 201 — Computer Science I, Fall 2005

Handout #12 - Tuesday, October 11, 2005

1. HW #5 due Tuesday (10/18) (see below)
2. Quiz next Tuesday (10/18)
3. Fall break Thursday (10/13)
4. 5.3 Partially Filled Arrays
  - (a) Use an extra variable to capture the number of elements used
  - (b) Tip: Pass numused and maximum size to functions
  - (c) Write a fill function for partially filled arrays (p206)
  - (d) Search an array (element by element) (p209)
  - (e) Classwork deleterepeats (problem 2 on page 228)
5. **Assigned Reading:** Chapter 5
6. **Homework #5:** Problem 3 on page 228. You must have three functions in your code. One for input, one to compute the sum of an array of doubles, and one to compute the standard deviation. Due 10/18/2005
7. **Extra Credit #2:** Make homework #5 more interactive by providing a menu to the user. The menu should allow the choice of computing the sum, average, or the standard deviation of an array of numbers.