

CSI 201 — Computer Science I, Fall 2005

Handout #11 - Thursday, October 6, 2005

1. Extra Credit due Tuesday (see below)
2. Quiz next Tuesday (10/11)
3. Fall break next week (10/13)
4. Chapter 5
 - (a) 5.2 Arrays in Functions
 - i. Using an indexed variable as an argument (p190)
 - ii. Using an entire array as an argument (p193)
 - iii. Pitfall: Do not use `[]` in the function call to pass an entire array
 - iv. Tip: Always pass the size to a function using an entire array
 - v. Arrays are treated “like” call by reference in functions
 - vi. Use `const` before an array which will not be changed by a function
 - vii. Pitfall: Modifying an array with a `const` declaration
 - (b) 5.3 Partially Filled Arrays
 - i. Use an extra variable to capture the number of elements used
 - ii. Tip: Pass `numused` and maximum size to functions
5. **Assigned Reading:** Chapter 5
6. **Extra Credit #1:** Extend the last homework (Homework #4) to include functions for input, output, sum, and average. These functions should all operate on an array. This EC is due Tuesday 10/18.