

CSI 201 — Computer Science I, Fall 2005

Handout #7 - Tuesday, September 20, 2005

1. Quiz Today
2. HW due Thursday at 10:00am (written assignment)
3. Chapter 3
 - (a) pseudocode
 - (b) On board review of Chapter 3, Problem 4, p136
4. Chapter 4
 - (a) Call-by-Value parameters (review) p141
 - (b) GetInput example p143
 - (c) Call-by-reference parameters p145
 - (d) A look at memory and labels
 - (e) Pitfall: Inadvertent Local variables p152
 - (f) Overloading Functions p158
 - (g) Default Arguments p167
5. **Homework on the next page**

6. **Assigned Reading:** Chapter 4

7. **Homework:** Due: Thursday 9/22/2005: On paper, outline of your design for the problem in Chapter 3, Problem 5, page 136. Do not write C++ code, but rather use pseudocode to describe the overall structure and explain the organization of the program.

You should have three functions in this program. One function to compute hat size, that takes weight and height as arguments. One function to compute jacket size, that takes weight, height and age as arguments. The third function is to compute waist in inches and takes weight and age as arguments. The functions should all return non-void values and should not have cin or cout statements in them. Below is typical output:

```
Input weight: 150
Input height: 65
Input age: 20
Your hat size is 6.692307
Your jacket size is 33.854167
Your waist size is 26.315789
```