MAT 101 — Introduction to Computer Programming (C++)

Handout #6, February 8, 2005

Today's tasks:

1. Homework #2 (hw2.cpp and hw2) Due Thursday! Do not modify your code or executable after the start of class Thursday or it will change its timestamp - and thus be considered late.

2. while( ){ } (p66) 0 or more

3. do { } while( ); (p67) at least once

4. countdown example - show code(p67-68)

5. Using incrementers inside boolean expressions - show code(p69-70)

6. for(; ;) { } (p73)

7. Often used to repeat something a number of times - show code(p76)

8. As a while loop (p75)

9. Common Errors: extra semicolons and infinite loops (p76-77)

10. In a loop and want to get out? - break (p80)

11. In a loop and want to go back to the test condition? - continue (p80)

12. Solving a problem in code with user input. Compute a class average from user input. The user may enter -1 to stop inputting values.