CS 132 - Intro to Computer Science II - Spring 2005
Week #15 Lab Exercise

Week #15 Lab Exercise due: Wednesday, May 4th, END of lab

Purpose: to get a little bit of experience with **make** and **makefile**'s

Week #15 Lab Exercise

Recalling the in-lecture discussion of **make** and **makefile**'s...

On the public course web page, under "In-class examples", you'll find posted both the makefile example that we actually ran in-lecture, as well as the "play" one discussed in-lecture. Along with this handout under "Homeworks and Handouts", you'll also find the following files:

crunchGrades.cpp, **avgGrade.cpp**, **countPassing.h**, **countPassing.cpp**, **minGrade.cpp**, **maxGrade.cpp**

If you look at these files, you'll see that **crunchGrades.cpp** contains a **main( )** function. Look over all of these files, and check out what this program **crunchGrades** is doing.

* You are to make a makefile for program **crunchGrades**, called either **makefile** or another (readable!) name of your choice.

  Note that, while **countPassing.h** is provided, you'll need the header files for the other auxiliary functions above; however, you should be quite able to generate those...

* Once you think all is well, trying changing one of the **.cpp** or **.h** files in a way that will be apparent, and run the appropriate **make** command. When you run the program, do you see the change?

* When you are ready, put your name on the **Next:** list on the board, so I can test your program-and-makefile combination.

If you have a properly-operational makefile that I have successfully tested before the end of lab, then you have completed the lab exercise for full credit. And you'll also have a makefile ready to be kluged from in the future, if you'd like...