

## HOMEWORK PROGRAM SET 4 (20 points each)

You should create a data file for each program.

Your program should be neat, and follow a standard indentation pattern. You should also use meaningful variable names (no 1 letter variable names except for counters) and your output should be neat and all values should be clearly labeled.

Make sure that your program is properly formatted and you use meaningful variable names.

Each program should have a data file that adequately tests the program. The data file should be named the same as the program but end in .data instead of .cpp (example, hw4-1.cpp and hw4-1.data)

filename: hw4-1.cpp

Read in the weight of 2 people, print out if the first person weighs more or the second person weighs more. Your program should work for any number of data items.

filename: hw4-2.cpp

Book, Page 220, Problem 4

The format of the input should be the length and width of rectangle 1, and the length and width of rectangle 2.

You should make your program work for any number of data items.

filename: hw4-3.cpp

Read in the number of hours a college student has earned. If they have earned less than 32, print freshman, 32 to 60, sophomore 61 to 90, junior and over 90 a senior. Your program should work for any number of lines of data.

filename: hw4-4.cpp

Book, Page 221, Problem 10

You should make your program work for any number of data items.

filename: hw4-5.cpp

Book, Page 222, Problem 11

You should make your program work for any number of data items.

filename: hw4-6.cpp

Book, Page 220, Problem 2

You should make your program work for any number of data items. **YOU MUST USE A SWITCH STATEMENT.**

