**Test**

Whitewater High School has contracted you to write a program that will read a file of student names and test scores in the formation FIRST NAME LAST NAME: SCORE1 SCORE2 SCORE3, where each of the scores is an integer. Then your program is to print a report, sorted by last name with each of the last names fully capitalized (that is, if you read in Wilkinson you print WILKINSON) followed by a comma, then the first name, then a colon, then the scores, then the average for the student, and lastly a letter grade (based upon 90 percent or greater being an "A," 80 percent or greater being a "B," and so forth). The very first line in the file will be the number of students that the file contains; as such, your program needs to dynamically create the appropriate number of arrays.

At the end of the report the averages for teach test are to be printed below the column representing each test score. Needless to say, the report must be written to a file and must be "pretty" (in proper columns and such). (HINT: Read in the whole line as a string, switch the first and last name, sort the names, then compute the math.

EXTRA CREDT (50 points):

At the bottom of each column of tests and the class average column, print the highest, lowest, and average test score. Additionally, at the end of the report print out the name(s) of the people who received A's, then those that received B's, then those that received C's, and so forth with proper headings and in alphabetical order.