Chapter 9

Write programs for the following and test to make sure they work. Please follow the book's guidelines or my style guidelines to write code.

Write a program that reads students' names followed by their test scores from the given input file. The program should output to a file, output.txt, each student's name followed by the test scores and the relevant grade.

Student data should be stored in a struct variable of type StudentType, which has four components: studentFName and studentLName of type string, testScore of type int and grade of type char. Suppose that the class has 20 students. Use an array of 20 components of type StudentType. Your program must contain at least the following functions:

1. A function to read the students' data into an array.
2. A function to assign the relevant grade to each student.

Your program should output each student's name in this form: last name followed by a comma, followed by a space, followed by the first name; the name must be left justified. Moreover, other than declaring the variables and opening the input and output files, the function main should only be a collection of function calls.