Homework 4

Data Structures

**Assignment**: File of struct processing hw5

**Total points**: 50

you can earn 2 bonus points if submitted by April 24

**Due date**: April 29, 2019

Write a C++ (or similar programming language code: c, java, c#, or python) code that includes following functionalities:

1. Store data two sets of data of student structures in two external files. Each file consists of 10-15 rows. Where each row consists of at least 4 different values example:

Student id, student Name, student GPA, and student major

1. Read data into an array of structure named list1 and list2
2. Merge sort the data into a single array named list3. You can perform the sorting based on last name or a numerical value such as an integer value representing the student id.
3. Write the content of list3 into an external file and the screen.

**Deliverables**

Zip and submit your code and all external files (sample input and output data files) to blackboard.