Requirements: You must provide well documented program. Have your floppy disks and printout in an envelope for submission.

1. Implement generic SortedList. Test your implementation of a set of Strings and Integers to make sure that insert, delete and find works. [20 pts]

2. Based on the above implementation, go to Page 245 and complete the exercises 25.a and 25.b [3 + 7 pts each]

3. Implement a StudentRecord management system to manage student records. The system should at least support user interaction from the command line. The system should support at least the following operations:
   a. Insert, when you select action insert, the system should ask for the information of a student. After the information is entered, insert the student record into the system.
   b. Drop, when you select action drop, the system will ask for the ssn of the student to drop. After getting the ssn, delete the student record with the specified ssn from the system.
   c. Query, when you select action query, the system will ask for the ssn of the student for querying. Simply output the student’s information on the screen.
   d. Print, when you selection action print, the student records will be printed on the screen. [10 pts]