Ex. 7.4

Write a program that searches a list of students who are getting ready to take the APCSA exam this year. Your program must search the list using both linear and binary search. Load a text file of names of your APCSA classmates into an array or arraylist.

Your program will:

1. Ask user a name to search for as many as the user wants (do not use a **for** loop).
2. Search the list using both linear and binary search.
3. Return the count of names searched each time in order to find a match or not from each search method. Display the result.
4. Also, after a match has been found from both methods, remove the classmate from the list and create a separate list of exam takers.
5. Print the list of students who will be appearing for the exam at the end.

Submit, code (with comments) and output!