CSC 2310: PRINCIPLES OF COMPUTER PROGRAMMING
Lab 5

How to Submit
Please submit your answers to the lab instructor once you have completed.
Failure to submit will result in a **ZERO FOR THIS LAB. NO EXCEPTIONS**.

1. Write a program that calls
   a. a method `minToFront` that takes an `ArrayList` of integers as a parameter. The method moves the minimum value in the list to the front, otherwise preserving the order of the elements. For example, if a variable called list stores the following values: [4, 7, 9, 2, 7, 7, 5, 3, 5, 1, 7, 8, 6, 7] and you make this call: `minToFront(list);` it should store the following values after the call: [1, 4, 7, 9, 2, 7, 7, 5, 3, 5, 7, 8, 6, 7]. You may assume that the list stores at least one value. After the call print the list.

   b. another method filterRange that accepts an ArrayList of integers and two integer values min and max as parameters and removes all elements whose values are in the range min through max (inclusive) from the list. For example, if a variable called list stores the values:

      [1, 4, 7, 9, 2, 7, 7, 5, 3, 5, 7, 8, 6, 7]

      The call of filterRange(list, 5, 7); should remove all values between 5 and 7, therefore it should change the list to store [1,4, 9, 2, 3, 8]. If no elements in range min-max are found in the list, the list's contents are unchanged. If an empty list is passed, the list remains empty. You may assume that the list is not null. After the call print the list.

Only submit one .java file.
Use your first name as class name and file name.
Put "R:5:30-6:20pm" in the comments board of Dropbox.