Write an application that takes a bunch of numbers from the user and copies those contents into an array. The user input will end upon entering -1 (-1 will not go into the array). Initially declare the array such that it can hold only two elements. Double the size of the array if the array requires more space.

Make sure your array does not accept duplicates.

Copy the contents of the array to another “int” array using System.arraycopy

Copy the contents of the array into an array of Integer (wrapper class)

Display your array:

Display contents of the array from the last number entered to the first number

entered.

Display the contents of the array in ascending order. (Use Arrays class)

Display the contents of the array in descending order. (Use Arrays class)

(Note: The Arrays class has a sort method. Keep in mind that it is the Arrays and not the Array class).

**Note:** Make sure that you break up your code into a bunch of modules