

Tester Guidelines for FlexArray files, V2.0

All portions should have clear output statements about what is being tested.

Test compareTo() and equals()

preparation:

- build list1, known element values
- build list2, content the same as list1, but in different order
- build list 3, content different than list1 and contains a different quantity of elements

test:

- show all three results of compareTo()
- show both true and false results of equals()

Test sort()

preparation:

- use list1, if elements are out of order, or build a different list of randomly generated values

test:

- show contents of list prior to sort()
- call sort()
- show contents of list after sort()

Test getValue() and searchFor()

preparation:

- use any of your lists or build a different list of known element values

test getValue():

- show contents of list prior to calling getValue()
- call getValue () with a clear output statement for an index that IS in the middle of the active portion of the list
- call getValue () with a clear output statement for an index that IS the first element of the active portion of the list
- call getValue () with a clear output statement for an index that IS the last element of the active portion of the list
- call getValue () with a clear output statement for an index that IS NOT in the active portion of the list

test searchFor()

- show contents of list prior to calling searchFor()
- demonstrate a search for an element that IS in the list
- demonstrate a search for an element that IS NOT in the list

Demonstrate you have fixed the items that did not work correctly on the first version of the FlexArray submission.