

SHOWING: Called generateVector

What size vector do you want?

20

What is the largest value number you want generated?

13

SHOWING: Populated generateVector

SHOWING: Called showVector

ORIGINAL VECTOR: UNSORTED

12| 5| 6| 11| 4| 12| 8| 4| 6| 10| 11| 11| 12| 4| 9| 1| 5| 7| 12| 6|

Vector size: 20

Vector capacity: 20

SHOWING: Called showVector

ORIGINAL VECTOR: SORTED

1| 4| 4| 4| 5| 5| 6| 6| 6| 7| 8| 9| 10| 11| 11| 11| 12| 12| 12| 12|

Vector size: 20

Vector capacity: 20

SHOWING: Called showVector

NEW VECTOR: UNSORTED

12| 5| 6| 11| 4| 12| 8| 4| 6| 10| 11| 11| 12| 4| 9| 1| 5| 7| 12| 6|

Vector size: 20

Vector capacity: 20

Enter some number you wish to search for in the original vector:

10

The number 10 was found at position 12.

Enter some number you wish to search for in the original vector:

12

The number 12 was found at position 17.

Enter some number you wish to search for in the original vector:

23

The number could not be found.

Enter some number you wish to search for in the original vector:

99

The number could not be found.

Enter some number you wish to search for in the original vector:

5

The number 5 was found at position 4.s