

Master “C Language” in 30 Days Challenge

Day 9

By TECH INVOLVERS

Instructions:

- Read the problem carefully before trying to solve it.
- Do the tasks on your own. Don't copy it.
- The output of your program must be same as given in sample run.

Problem 1:

Write a program to sort the elements entered by user in ascending order.

Sample Run:

Enter the number of values : 7

Enter 7 Numbers : 10 2 3 4 5 0 -19

Sorted numbers in ascending order: -19 0 2 3 4 5 10

Problem 2:

Write a program to sort the elements entered by user in descending order.

Sample Run:

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Enter the number of values : 7

Enter 7 Numbers : 10 2 3 4 5 0 -19

Sorted numbers in descending order: 10 5 4 3 2 0 -19

Problem 3:

Write a program to search for a particular element(**N**) in the list of numbers entered by user and displays the location of first element(**N**) in the list of numbers, otherwise it displays **-1** and number of times that element(**N**) occurs in the list of numbers(**if any**), otherwise it displays **0**.

Sample Run 0:

Enter the element you want to search in the list: 4

Enter the list length: 10

Enter 10 Numbers : 1 2 3 3 5 6 9 4 4 4

Location of first 4 in list: 8

Number of 4 in the list: 3

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Sample Run 1:

Enter the element you want to search in the list: 7

Enter the list length: 5

Enter 5 Numbers : 10 9 4 -7 0

Location of first 7 in list: -1

Number of 7 in the list: 0