

Assignment - 9

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Subject: PPS

Division: 2

Trimester: 2

Name: Pranshu Boniwad

Roll no: 201053

Batch: A3

Aim: Write a python program to accept n numbers and sort them in ascending and descending order

Algorithm:

~~Step 1~~ Step 1: Start

Step 2: Take input of list of numbers

Step 3: Using ~~list~~ sort function

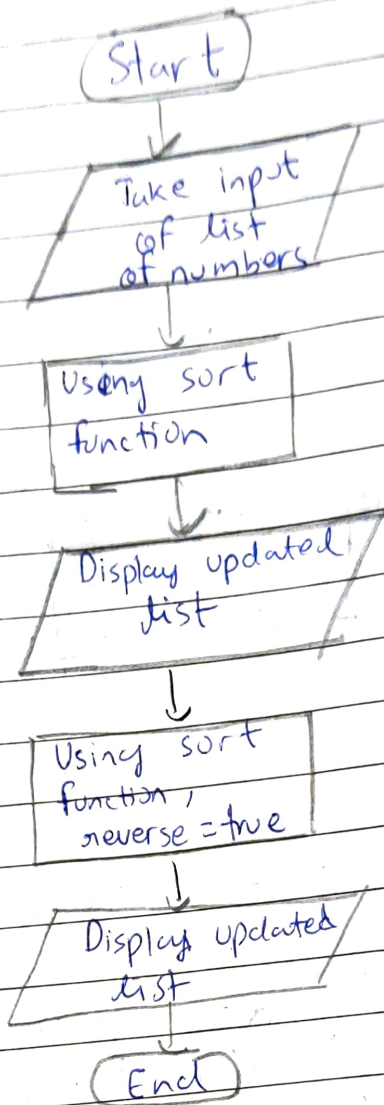
Display new list (Ascending)

Step 4: Using sort function, reverse=true

Display new list (Descending)

Step 5: End

Flowchart



Input: [53, 42, 73, 54, 68]

Output: [42, 53, 54, 68, 73]
[73, 68, 54, 53, 42]

Conclusion: Thus understood the concept of inbuilt function sort.

FAQ

1) What is List?

→ A list is a data structure, that has a changeable sequence of elements.

2) Explain `sort()`?

→ `sort()` is a function that can be used to sort list in ascending or descending order.

`list.sort()`

3) Explain `reverse()`

→ `Reverse()` is a function that returns the list in a reverse order.

`list.reverse()`