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C program to find Smallest & Biggest element in array using functions

Algorithm

Step1:- Start
Step2:- Input size
Step3:- Enter integer number
for (i=0; i<size; i
Input arr[i]
Step4:- large = largest (arr, size)
Step5:- small = smallest (arr, size)
Step6:- Display the largest element
output large
Step7:- Display the smallest element
output small
Step8:- Stop
largest (int arr[], int size)
Step1:- Entry
Step2:- temp1 = arr[0]
Step3:- for (i=1; i<size; i++)
if (arr[i] > temp)
temp1 = arr[i]
Step4:- return (temp)
Smallest (int arr2[], int size2)
Step1:- Enter
Step2:- for (i=0; i<size; i++)
if (temp > arr2[i])
temp = arr2[i]
Step4:- return [temp]

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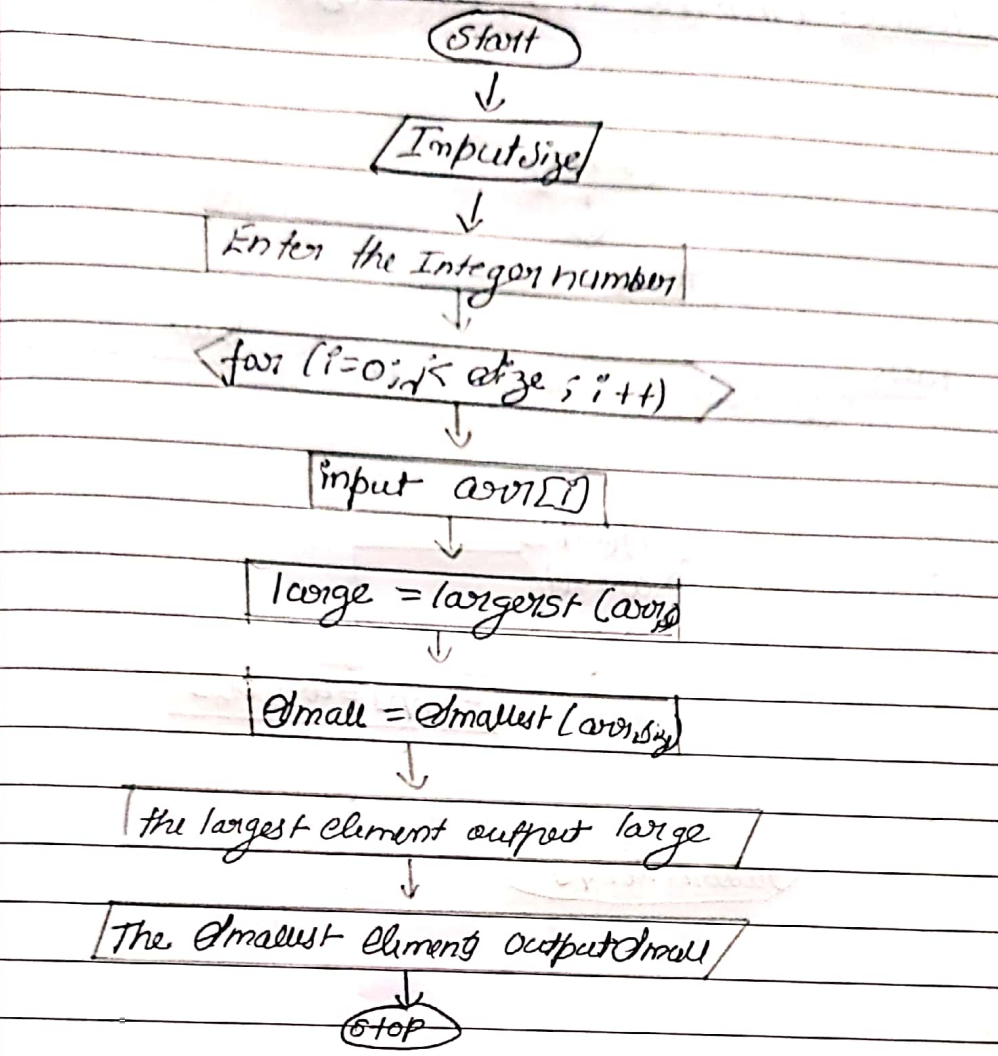
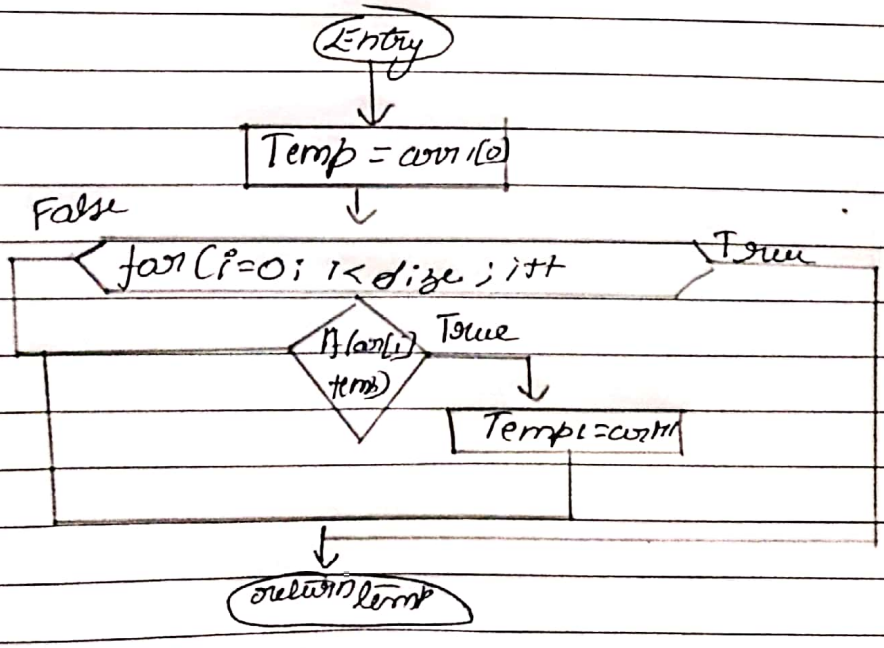
Flowchart



largest (int arr [] int size)



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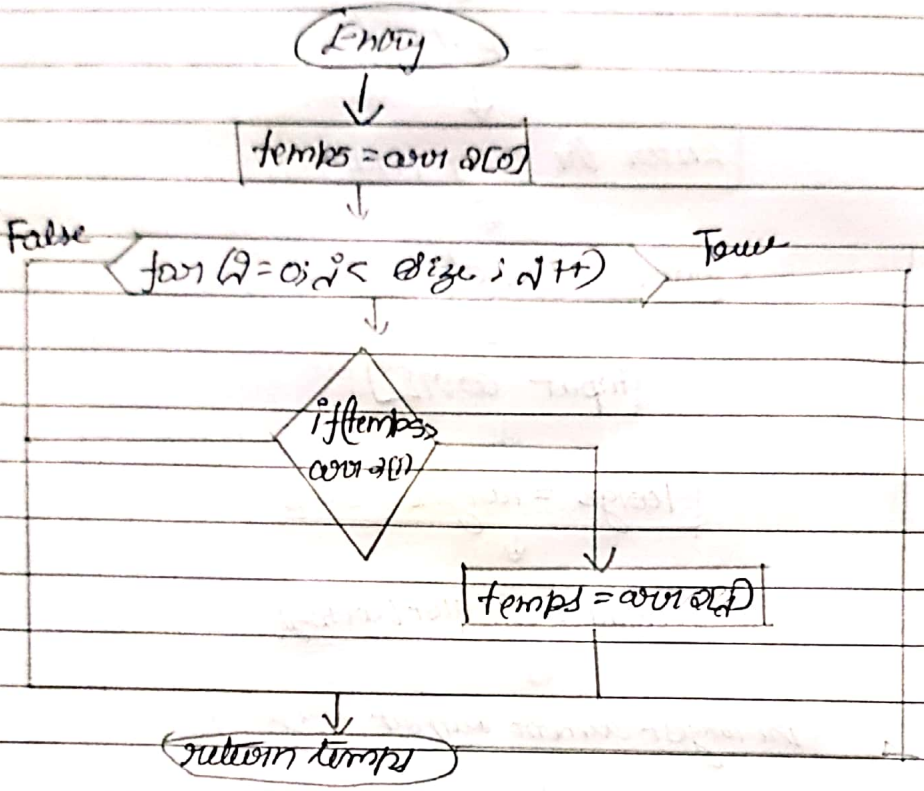
Smallest (int arr a[], int size)



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