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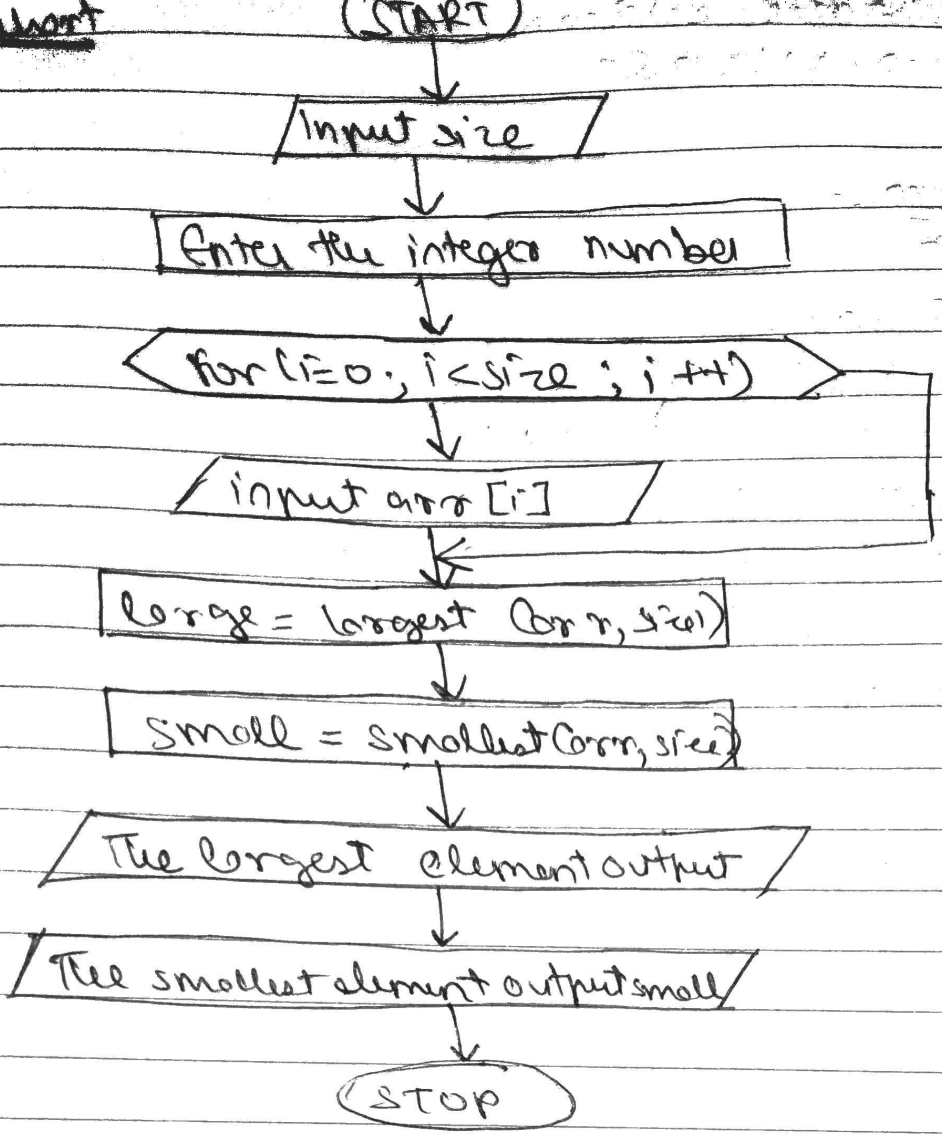
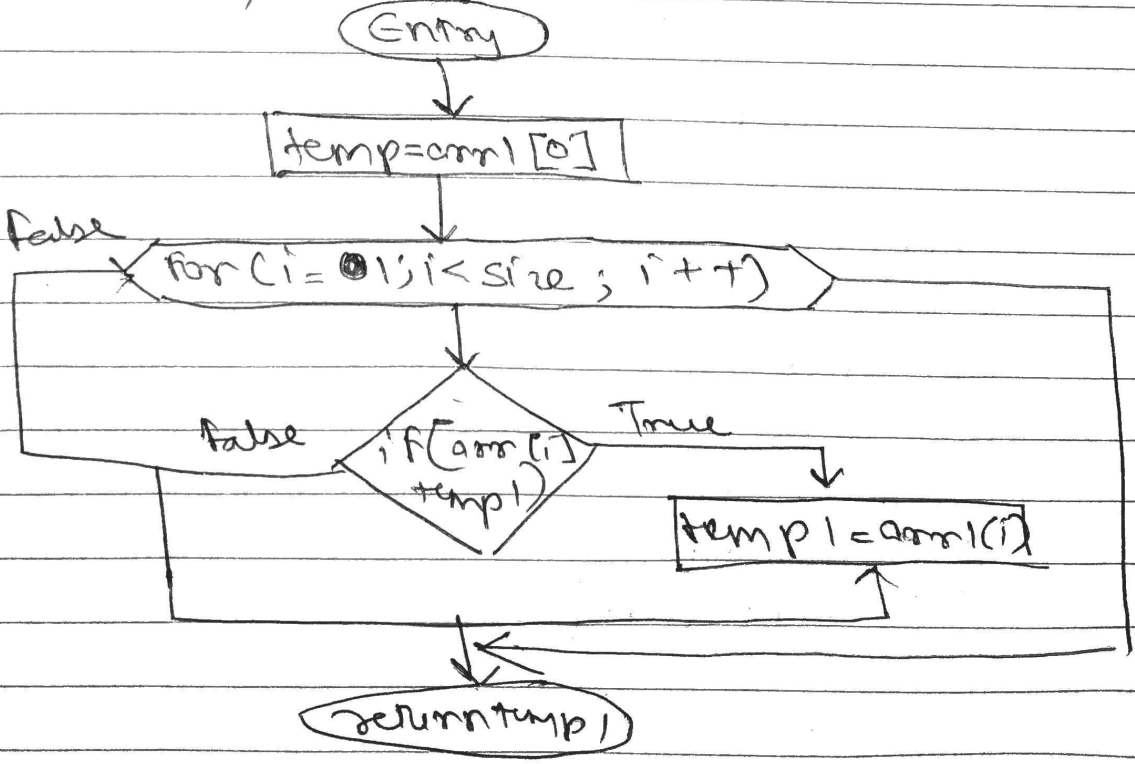
Algorithm:-
1) Start
2) Input stage
3) Enter the integer numbers.
   For (i=0; i<size; i++)
     Input arr[i]
4) large = largest (arr, size)
5) small = smallest (arr, size)
6) Display the largest element
   Output large.
7) Display the smallest element.
   Output small
8) = Stop.

Largest (int arr[], int size)
1) Entry.
2) temp1 = arr[0]
3) for (i=1; i<size1; i++)
   if (arr[i] > temp1)
     temp1 = arr[i]
4) return (temp)
Smallest (int arr2[]; int size2]
1) Entry.
2) temp = arr2[0]
3) for (j=0; j<size2; j++)
   if (temp > arr2[i])
     temp = arr2[i]
4) return [temp]

Flowchart



largest (int arr1[], int size)



Smallest (int arr2[·], int size)