GAYATHRI

4AL19CS035

Algorithm

Step1 : Start
Step2 : Input Size
Step3 : Enter the Integer numbers
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

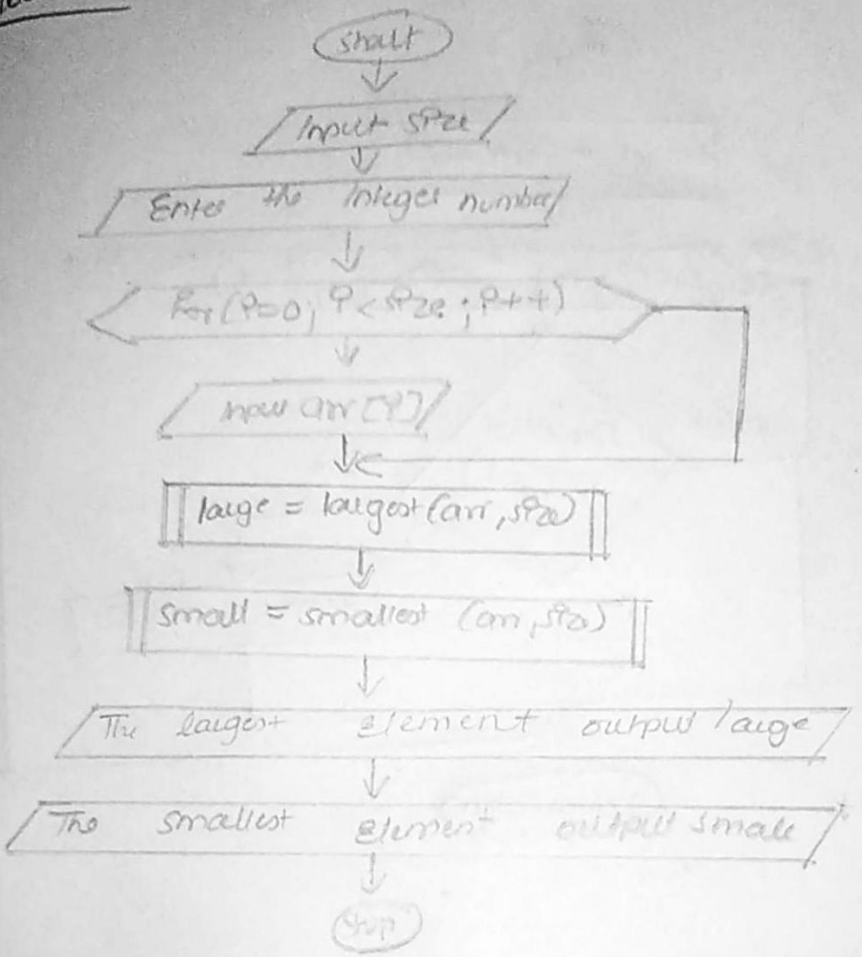
largest(int arr1[], int Size)

Step1 : Entry
Step2 : temp1 = arr1[0]
Step3 : for(i=1; i<Size1; i++)
if (arr1[i] > temp1)
temp1 = arr1[i]
Step4 : return(temp1)

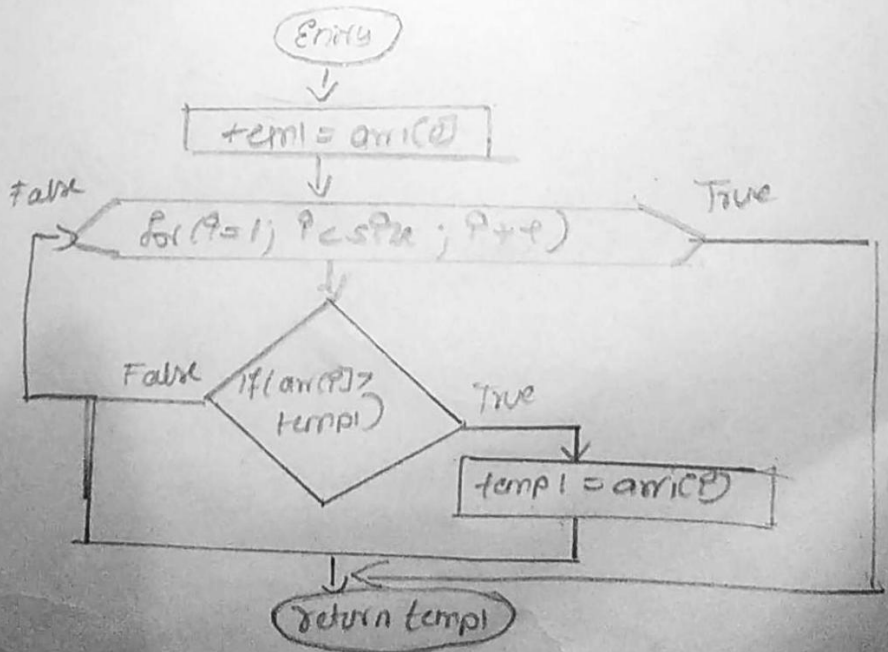
Smallest (int arr2[], int Size2)

Step1 : Entry
Step2 : temp2 = arr2[0]
Step3 : for(i=0; i<Size2; i++)
if (temp2 > arr2[i])
temp2 = arr2[i]
Step4 : return(temp2)

Flowchart



largest (int arr[], int size)



Smallest (int arr2[], int size)