

C program to find smallest and biggest element in an array

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using functions

Algorithm

- ① Start
- ② Input size
- ③ Enter the Integer numbers
for ($i = 0; i < \text{size}; i++$)
Input arr[i]
- ④ large = largest(arr, size)
- ⑤ small = smallest(arr, size)
- ⑥ Display largest element output large
- ⑦ Display smallest element output small
- ⑧ Stop

largest = (int arr1[], int size)

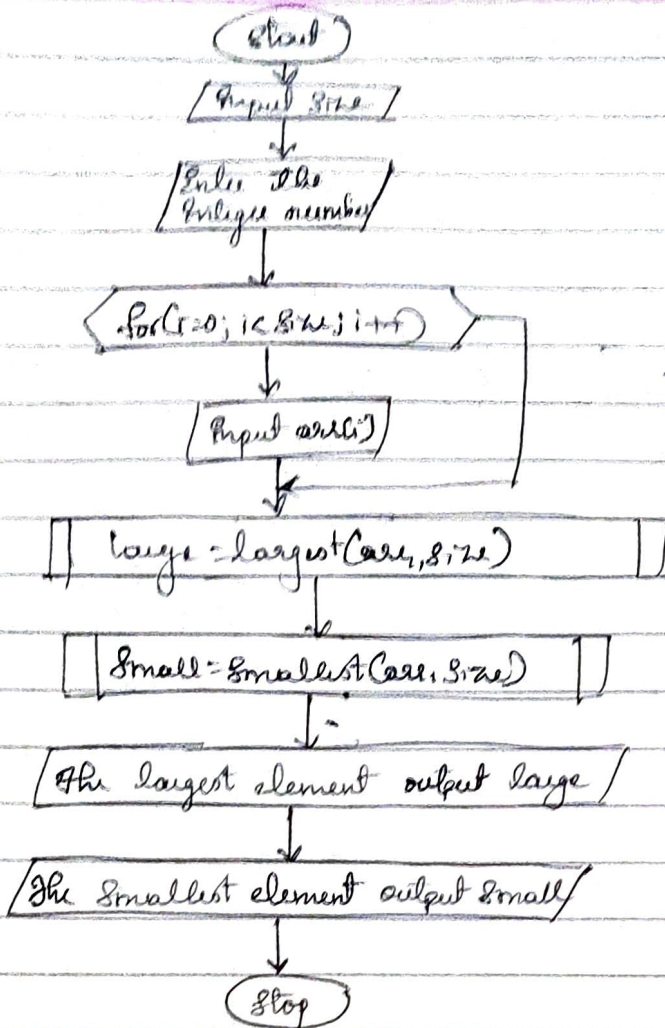
- ① Enter
- ② temp = arr[0]
- ③ for ($i = 1; i < \text{size}; i++$)
if ($\text{arr}[i] > \text{temp}$)
temp = arr[i]

④ return(temp)

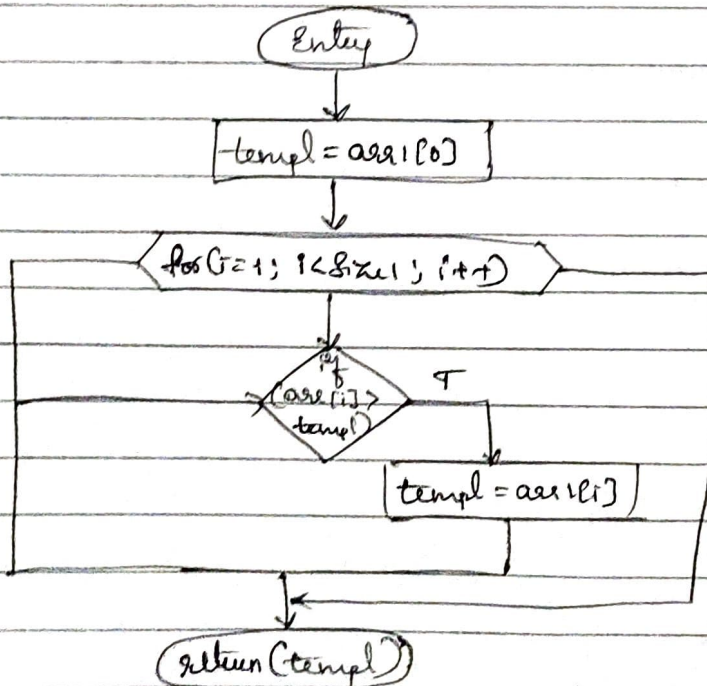
smallest = (int arr2[], int size)

- ① Enter
- ② temp = arr[0]
- ③ for ($j = 0; j < \text{size}; j++$)
if ($\text{temp} > \text{arr}[j]$)
temp = arr[j]

④ return(temp)



largest (int arr[], int size)



Smallest (Pnt arr2[1], int size2)

