Rakshith K

✎ f

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Teams list:	List of teams by Rakshith K
Team Invites:	Click here to check team invites. 0

Rating Graphs

CodeChef	Long Challenge	Cook Off	Lunch Time

No Participation

Rating axis: 1000, 1500, 2000, 2500, 3000, 3500

Year axis: 2011, 2012, 2013, 2014, 2015, 2016, 2017

CodeChef Rating Distribution

1000000

🔒 *www.codechef.com/ide* 📖 ↻ ☆ ☰

Code, Compile & Run

Ide ✖ +

Contest Code/Name (e.g. JAN15/PRACTICE)   Problem Code/Name (e.g. TEST)

Select

C++14 (gcc 6.3) ▾   💾 🗑 Code gets autosaved every second   ⓘ ⬇ ⤢ ⚙

```
1   #include<stdio.h>
2   int main()
3 - {
4       int a[50],i,n,large,small;
5       printf("\nEnter the number of elements: ");
6       scanf("%d",&n);
7       printf("\nInput the array elements: ");
8       for(i=0;i<n;++i)
9           scanf("%d",&a[i]);
10      large=small=a[0];
11      for(i=1;i<n;++i)
12 -     {
13          if(a[i]>large)
14              large=a[i];
15          if(a[i]<small)
16              small=a[i];
17      }
18      printf("\nThe smallest element is %d\n",small);
19      printf("\nThe largest element is %d\n",large);
20  }
```

19:1   ↻

Open File   ✓ Custom Input   Run

Custom Input

```
5
45 98 57 22 10
```

Status Successfully executed   Date 2020-06-05 15:17:26   Time 0 sec   Mem 15.232 kB   ✖

Input

```
5
45 98 57 22 10
```

Output

```
Enter the number of elements:
Input the array elements:
The smallest element is 10

The largest element is 98
```
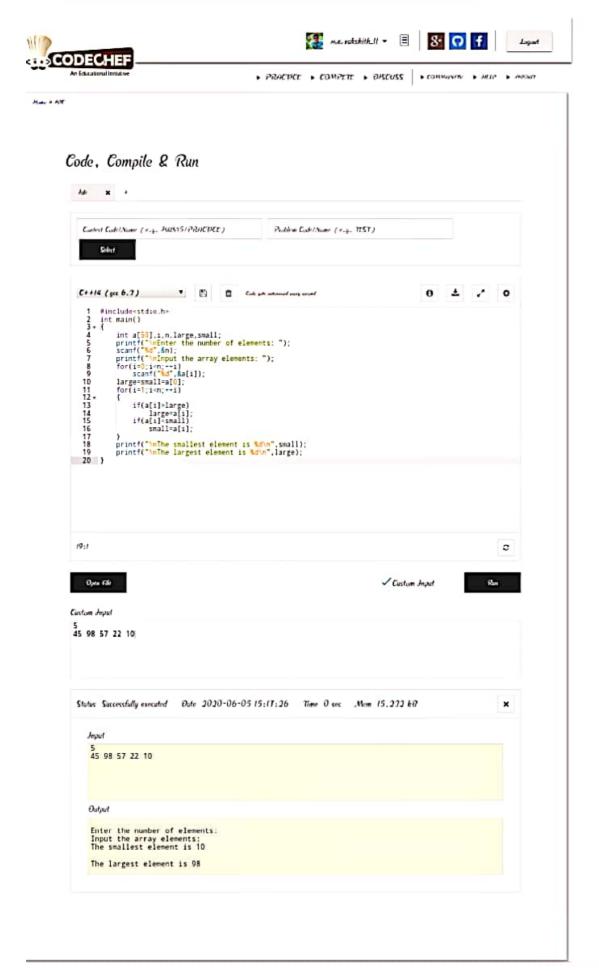
Program to find smallest & largest element in an array.

Algorithm:
1. Start
2. Read a[50], n, i, small, big
3. Enter no. of elements in an array
4. Enter array elements.
5. small = big - a[10]
6. for (i=0; i<n; i++)
    if (a[i] > large)
       large = a[i]
       if (a[i] < small)
        small = a[i]
7. Display small & big element.
8. Stop.

Flowchart: