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Pushpitha P

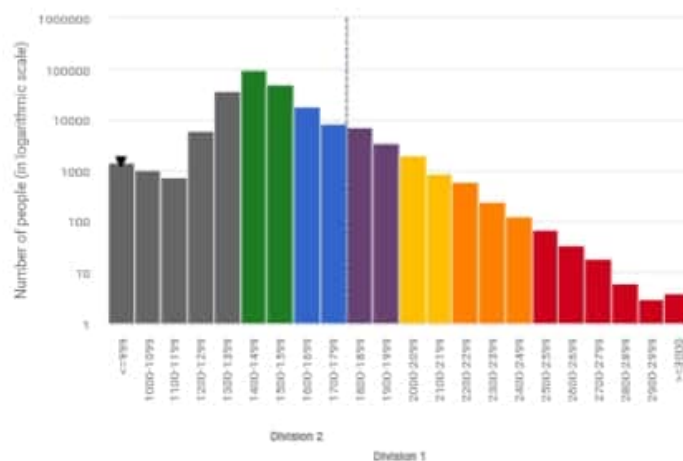


Username:	pushpitha2001
Country:	India
State:	Karnataka
City:	Mysuru
Student/Professional:	Student
Institution:	Alvas Institute of Engineering and Technology Karnataka, India
Teams List:	List of <a href="#">teams</a> by Pushpitha P
Team Invites:	Click <a href="#">here</a> to check team invites <span>0</span>

### Rating Graphs



### CodeChef Rating Distribution



0



CodeChef Rating

(Highest Rating 0)

NA

Global Rank

NA

Country Rank

Contests	Rating	Global Rank	Country Rank
Long Challenge	0	NA	NA
Cook-off	0	NA	NA
Lunch Time	0	NA	NA

### Recent Activity

Date/Time	Problem	Result	Lang
No Recent Activity			



Hello pushpitha2001



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PRACTICE &amp; LEARN

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me • IDE

## Code, Compile &amp; Run

Ide x +

Contest Code/Name (e.g. JULY15/PRACTICE)

Problem Code/Name (e.g. TEST)

Select

C (gcc 6.3)



Code gets auto saved every second



```
1 #include<stdio.h>
2 int main()
3 {
4     int a[50],i,n,large,small;
5     printf("How many elements:");
6     scanf("%d",&n);
7     printf("Enter the Array:");
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("The largest element is %d",large);
19    printf("\nThe smallest element is %d",small);
20    return 0;
21 }
```

19:1



Open File

✓ Custom Input

Run

Custom Input

2  
10 20

Status Successfully executed

Date 2020-06-30 04:13:59

Time 0 sec

Mem 9.424 kB



Input

2  
10 20

Output

How many elements:Enter the Array:The largest element is 20  
The smallest element is 10

Algorithm

- Step 1 :- Start.
- Step 2 :- Input the array elements
- Step 3 :- Initialize  $small = large = arr[0]$
- Step 4 :- Repeat from  $i = 2$  to  $n$ .
- Step 5 :- if  $(arr[i] > large)$
- Step 6 :-  $large = arr[i]$
- Step 7 :- if  $(arr[i] < small)$
- Step 8 :-  $small = arr[i]$
- Step 9 :- Print  $small$  and  $large$
- Step 10 :- Stop.

Flowchart