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☒ Female ☐ Male ☐ Other

Siddapur, Karnataka, India

☒ Student ☐ Professional ☐ Other

Alvas Institute of Engineering & Technology	✓
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2020 ▼

C(gcc 6.3) ▼

☒ Send me newsletter & contest invitations.

☒ I abide by [CodeChef's Code Of Conduct](#).


Register

[Home](#) ▸ B.H. Rashmi


B.H. Rashmi



Username: rashmi_2001

 Country:  India

State: Karnataka

City: Siddapur

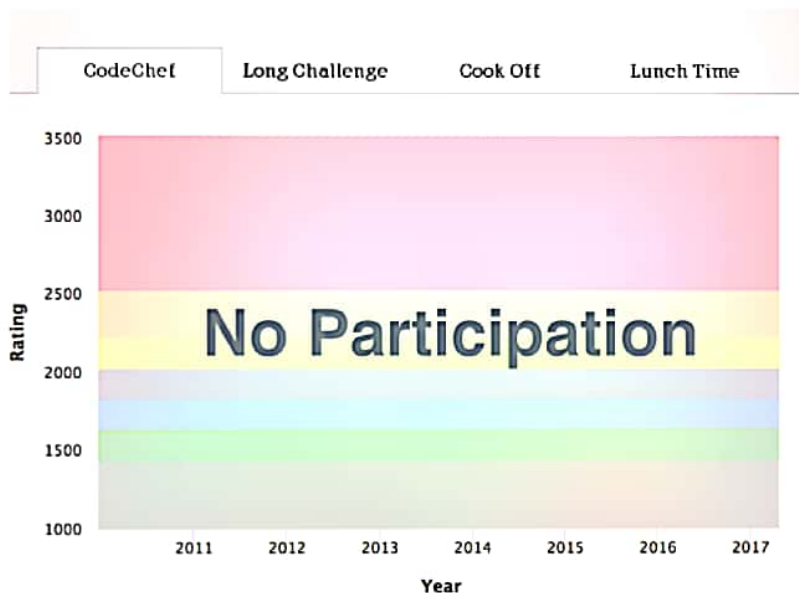
Student/Professional: Student

Institution: Alvas Institute of Engineering and Technology Karnataka, India

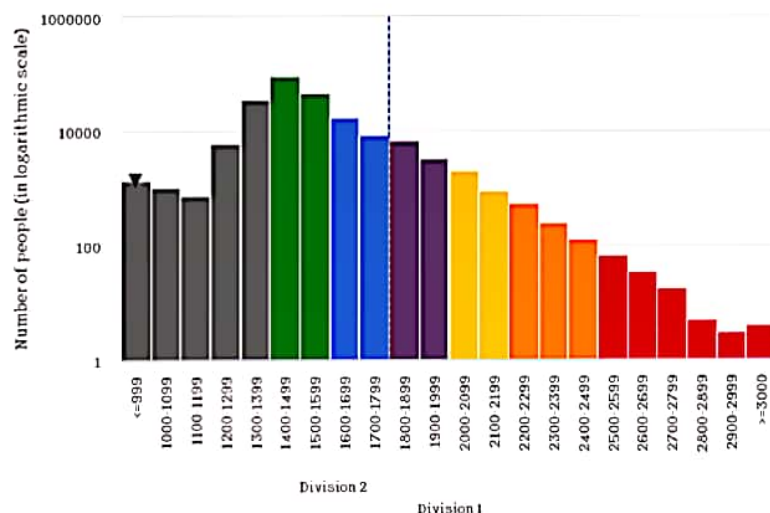
 Teams List: List of [teams](#) by B.H. Rashmi

 Team Invites: Click [here](#) to check team invites. 0

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			

Code, Compile & Run

ide ✕ +

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

C program to find smallest and largest numbers in an array

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 :-

