



codechef.com/signup



prajna123



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☒ Female ☐ Male ☐ Other

undefined, Karnataka, India

☒ Student ☐ Professional ☐ Other

Alvas Institute of Engineering and



2020 ▼

C(gcc 6.3) ▼

☒ Send me newsletter & contest invitations.☒ I abide by [CodeChef's Code Of Conduct](#).

Register

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# CodeChef was created as a platform



Hello prajna123



PRACTICE

COMPETE

DISCUSS

COMMUNITY

HELP

[Home](#) » Prajna S P

Prajna S P



Username: prajna123

Country: India

State: Karnataka

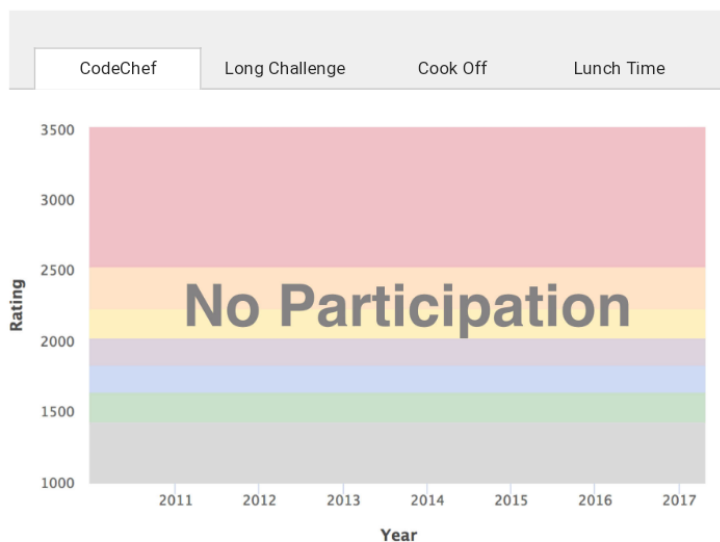
City: India

Student/Professional: Student

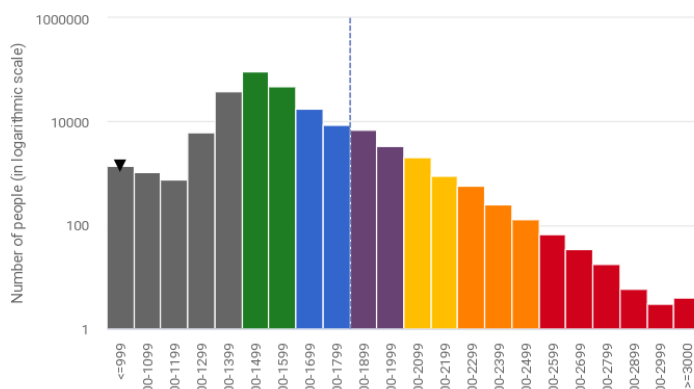
Institution: Alvas Institute of Engineering and Technology Karnataka, India

Teams List: List of [teams](#) by Prajna S PTeam 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	C
Long Challenge	0	NA	
Cook-off	0	NA	
Lunch Time	0	NA	

## Recent Activity

Date/Time	Problem	Result
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 autosaved 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 }
22
23
24
25
26
```

0.0 

Open File


☒ Custom Input

Run

Custom Input

5  
1 2 3 4 5

Status Successfully executed Date 2020-06-05 05:48:27 Time 0 sec Mem 9.424 kB



Input

5  
1 2 3 4 5

Output

How many elements:Enter the Array:The largest element is 5  
The smallest element is 1

## Algorithm:

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

## Flowchart:-

