



OR

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☒ Student ☐ Professional ☐ Other

Alvas Institute of Engineering & Technology



2020 ▼

C(gcc 6.3) ▼

☒ Send me newsletter & contest invitations.

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

Register

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**B.H. Rashmi**


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Country: India

State: Karnataka

City: Siddapur

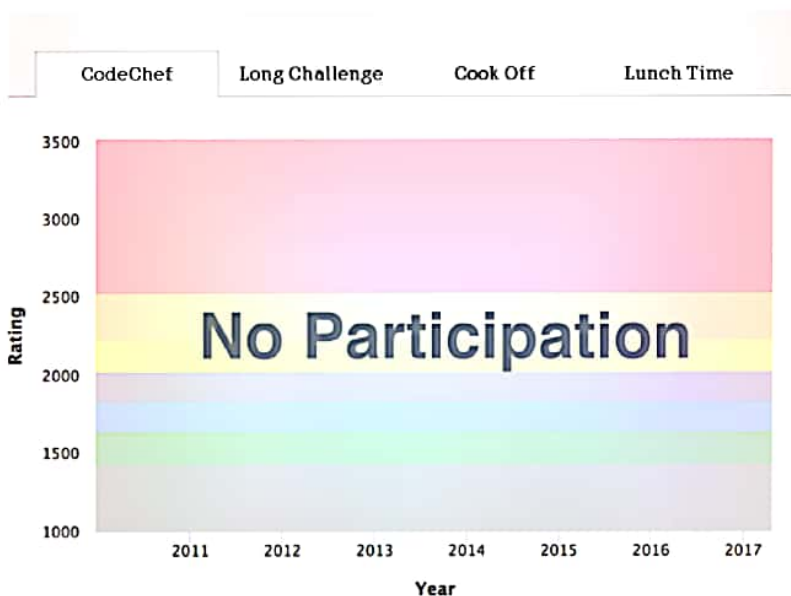
Student/Professional: Student

Institution: Alvas Institute of Engineering and Technology Karnataka, India

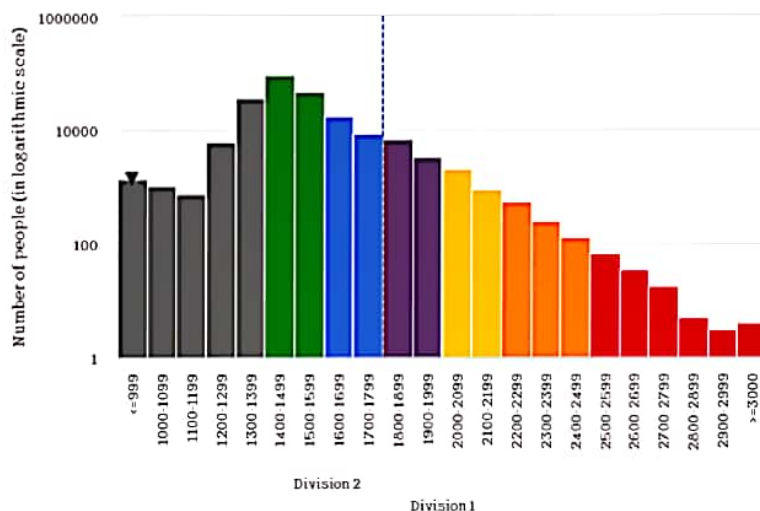
 Teams List: List of [teams](#) by B.H. Rashmi

 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	<a href="#">NA</a>	<a href="#">NA</a>
Cook off	0	<a href="#">NA</a>	<a href="#">NA</a>
Lunch Time	0	<a href="#">NA</a>	<a href="#">NA</a>

### Recent Activity

Date/Time	Problem	Result	Lang
No Recent Activity			

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

Problem Code/Name (e.g. TEST)

Select

C++14 (gcc 6.3)

Code gets auto saved every second

```
1 #include <stdio.h>
2 void swap(int *a,int *b)
3 {
4     int t;
5     t = *a;
6     *a = *b;
7     *b = t;
8 }
9 int main()
10 {
11     int num1,num2;
12     printf("Enter value of num1: ");
13     scanf("%d",&num1);
14     printf("Enter value of num2: ");
15     scanf("%d",&num2);
16     printf("Before Swapping: num1=%d, num2=%d\n",num1,num2);
17     swap(&num1,&num2);
18     printf("After Swapping: num1=%d, num2=%d\n",num1,num2);
19     return 0;
20 }
```

0.18

C

Open File

✓ Custom Input

Run

Custom Input

10 20

Status Successfully executed Date 2020-06-28 03:28:48 Time 0 sec Mem 15.232 kB

x

Input

10 20

Output

Enter value of num1: Enter value of num2: Before Swapping: num1=10, num2=20  
After Swapping: num1=20, num2=10

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

Problem Code/Name (e.g. TEST)

Select

C++14 (gcc 6.3)

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⌂

Open File

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Enter value of num1: Enter value of num2: Before Swapping: num1=10, num2=20  
After Swapping: num1=20, num2=10

## C program to swap two numbers using pointers (or) call by Reference

### Algorithm :-

step 1 :- start

step 2 :- Initialize two variables x, y, temp and  
two pointers \*a and \*b

step 3 :- Enter the two numbers and store it  
in the x and y

step 4 :- Display the numbers you have entered

step 5 :- store the address of x and y to 'a'  
and 'b' respectively

step 6 :- store the value in 'b' to temp

step 7 :- store the value in 'a' to 'b' pointer

step 8 :- store the value in temp to 'a' pointer

step 9 :- Display the numbers after swapping  
by using pointers a and b

step 10 :- stop.

## Flowchart :-

