



OR

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☒ Female ☐ Male ☐ Other

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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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Hello rashmi_2001



Logout

PRACTICE COMPETE DISCUSS

COMMUNITY HELP ABOUT

Home » B.H. Rashmi



B.H. Rashmi



Username: rashmi_2001

Country: India

State: Karnataka

City: Siddapur

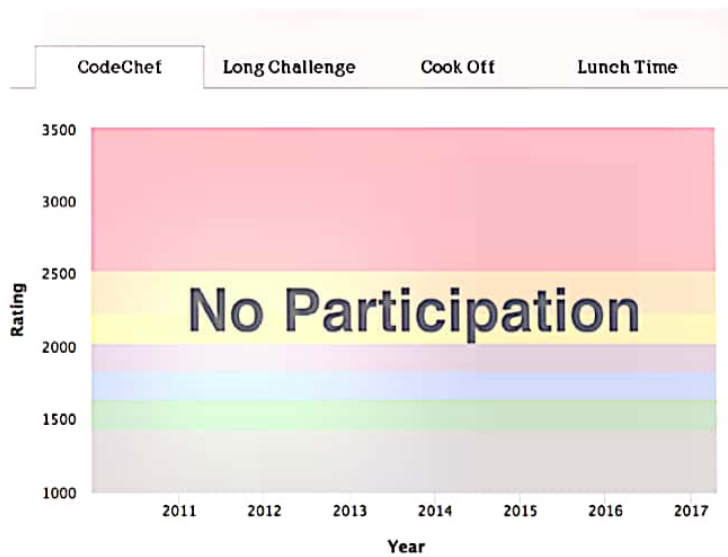
Student/Professional: Student

Institution: Alvas Institute of Engineering and Technology Karnataka, India

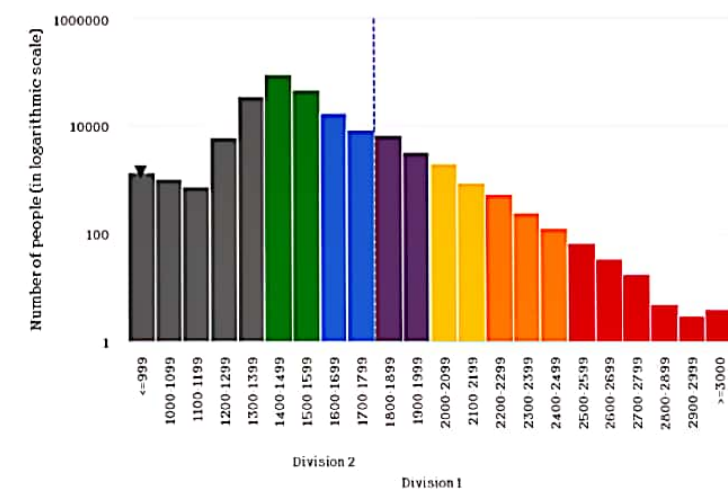
Teams List: List of teams by B.H. Rashmi

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

100

×



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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,b,c,d,x,y,i,gcd;
5     printf("\nEnter the numerator for 1st number:");
6     scanf("%d",&a);
7     printf("\nEnter the denominator for 1st number:");
8     scanf("%d",&b);
9     printf("\nEnter the numerator for 2nd number:");
10    scanf("%d",&c);
11    printf("\nEnter the denominator for 2nd number:");
12    scanf("%d",&d);
13    x=(a*d)+(b*c);
14    y=b*d;
15    for(i=1;i<=x && i<=y;++i)
16    {
17        if(x%i==0 && y%i==0)
18            gcd=i;
19    }
20    printf("\nThe added fraction is %d/%d",x/gcd,y/gcd);
21    printf("\n");
22    return 0;
23 }
```

0/0

Open File

✓ Custom Input

Run

Custom Input

```
1
2
3
2
```

Status Successfully executed

Date 2020-06-02 12:47:01

Time 0 sec

Mem 9.424 kB

×

Input

1
2
3
2

Output

Enter the numerator for 1st number:
Enter the denominator for 1st number:
Enter the numerator for 2nd number:
Enter the denominator for 2nd number:
The added fraction is 2/1

Program to add two fractions,* Algorithm

1. start
2. Read the value of numerator₁, denominator₁, numerator₂, denominator₂.
3. $x = (\text{numerator}_1 * \text{denominator}_2) + (\text{denominator}_1 * \text{numerator}_2)$
4. $y = (\text{denominator}_1 * \text{denominator}_2)$
5. for ($C=1$; $C \leq x$ & $C \leq y$; $C++$)
if this condition fails, go to step 7.
 - 5.1 if ($x \% C == 0$ & $y \% C == 0$)
if this condition fails, go to step 5
 - 5.1.1 gcd.no = C
6. Repeat the steps until the condition fails
7. Print "The added fraction is" and display the two values of condition x/gcd , y/gcd
8. stop

Flowchart :

