



Home » Pushpitha P



Pushpitha P



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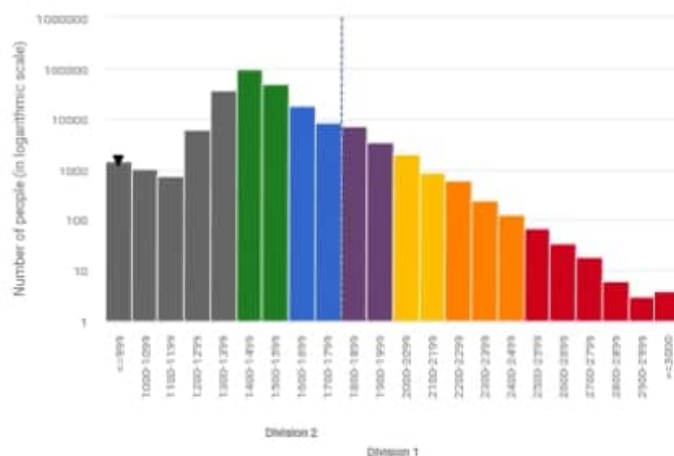
Institution: Alvas Institute of Engineering and Technology Karnataka, India

Teams List: List of [teams](#) by Pushpitha PTeam Invites: Click [here](#) to check team invites.

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			

**CODECHEF**
An Educational Initiative

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AB

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Code, Compile & Run

Ide * +

C++14 (gcc 6.3)

```
1 #include <stdio.h>
2 int main()
3 {
4     int a,b,c,d,x,y,i,gcd;
5     printf("\n enter the numerator for 1st number:");
6     scanf("%d",&a);
7     printf("\n enter the denominator for 1st number:");
8     scanf("%d",&b);
9     printf("\n enter numerator for 2nd number:");
10    scanf("%d",&c);
11    printf("\n enter 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("\n the added fraction is %d/%d",x/gcd,y/gcd);
21    printf("\n");
22    return 0;
23 }
```

21/13

Open File

✓ Custom Input

Run

Custom Input

1 2 3 2

Status Successfully executed

Date 2020-06-02 12:32:23

Time 0 sec

Mem 15.232 kB

Input

1 2 3 2

Output

```
enter the numerator for 1st number:
enter the denominator for 1st number:
enter numerator for 2nd number:
enter denominator for 2nd number:
the added fraction is 21
```

Program to add two fractions

Algorithm

- 1) Start
- 2) Read the value of numerator, denominator, numerator₂, denominator₂.
- 3) $x = (\text{numerator}_1 \times \text{denominator}_2) + (\text{denominator}_1 \times \text{numerator}_2)$
- 4) $y = (\text{denominator}_1 \times \text{denominator}_2)$
- 5) for ($c=1$; $c \leq x$ & $c \leq y$; $c++$), if this condition becomes false goto step 7.
- 5.1) if ($x \% c == 0$ & $y \% c == 0$), if this condition becomes false goto step 5.
- 5.1.1) $\text{gcd} = c$
- 6) Repeat the step 5 until the condition becomes false
- 7) print "The added fraction" and display the two value of the condition x/gcd , y/gcd .
- 8) Stop.

Flowchart

