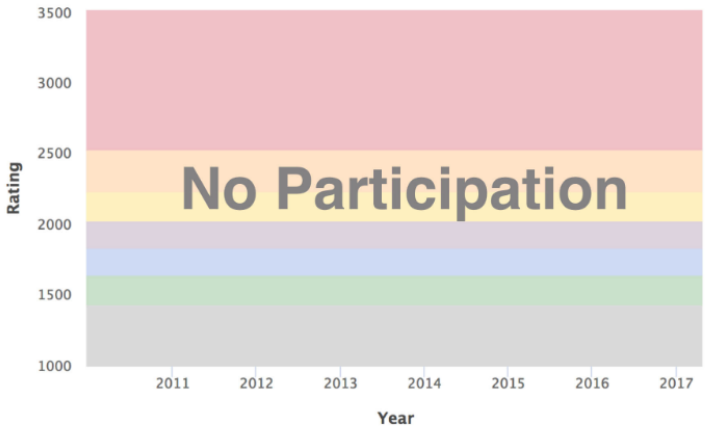
Prajna S P

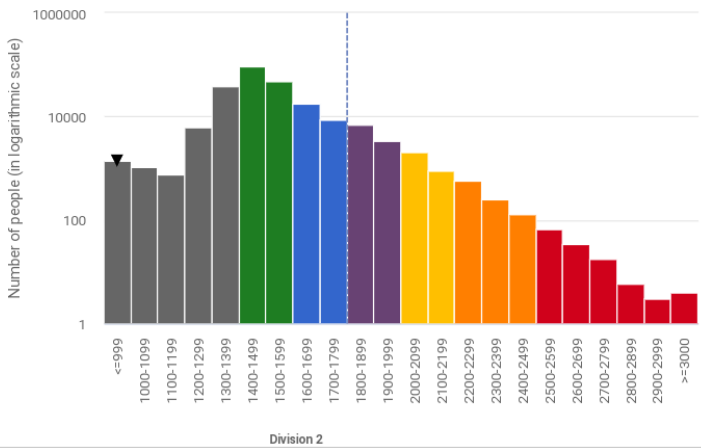
Username:	prajna123
Country:	India
State:	Karnataka
City:	India
Student/Professional:	Student
Institution:	Alvas Institute of Engineering and Technology Karnataka, India
Teams List:	List of teams by Prajna S P
Team Invites:	Click here to check team invites. 0

Rating Graphs

CodeChef | Long Challenge | Cook Off | Lunch Time



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

```c
#include <stdio.h>
int main()
{
int a,b,c,d,x,y,i,gcd;
printf("\nEnter the numerator for 1st number:");
scanf("%d",&a);
printf("\nEnter the denominator for 1st number:");
scanf("%d",&b);
printf("\nEnter the numerator for 2nd number:");
scanf("%d",&c);
printf("\nEnter the denominator for 2nd number:");
scanf("%d",&d);
x=(a*d)+(b*c);
y=b*d;
for(i=1;i<=x && i<=y;++i)
{
if(x%i==0 && y%i==0)
 gcd=i;
}
printf("\nThe added fraction is %d/%d",x/gcd,y/gcd);
printf("\n");
return 0;
}
```

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

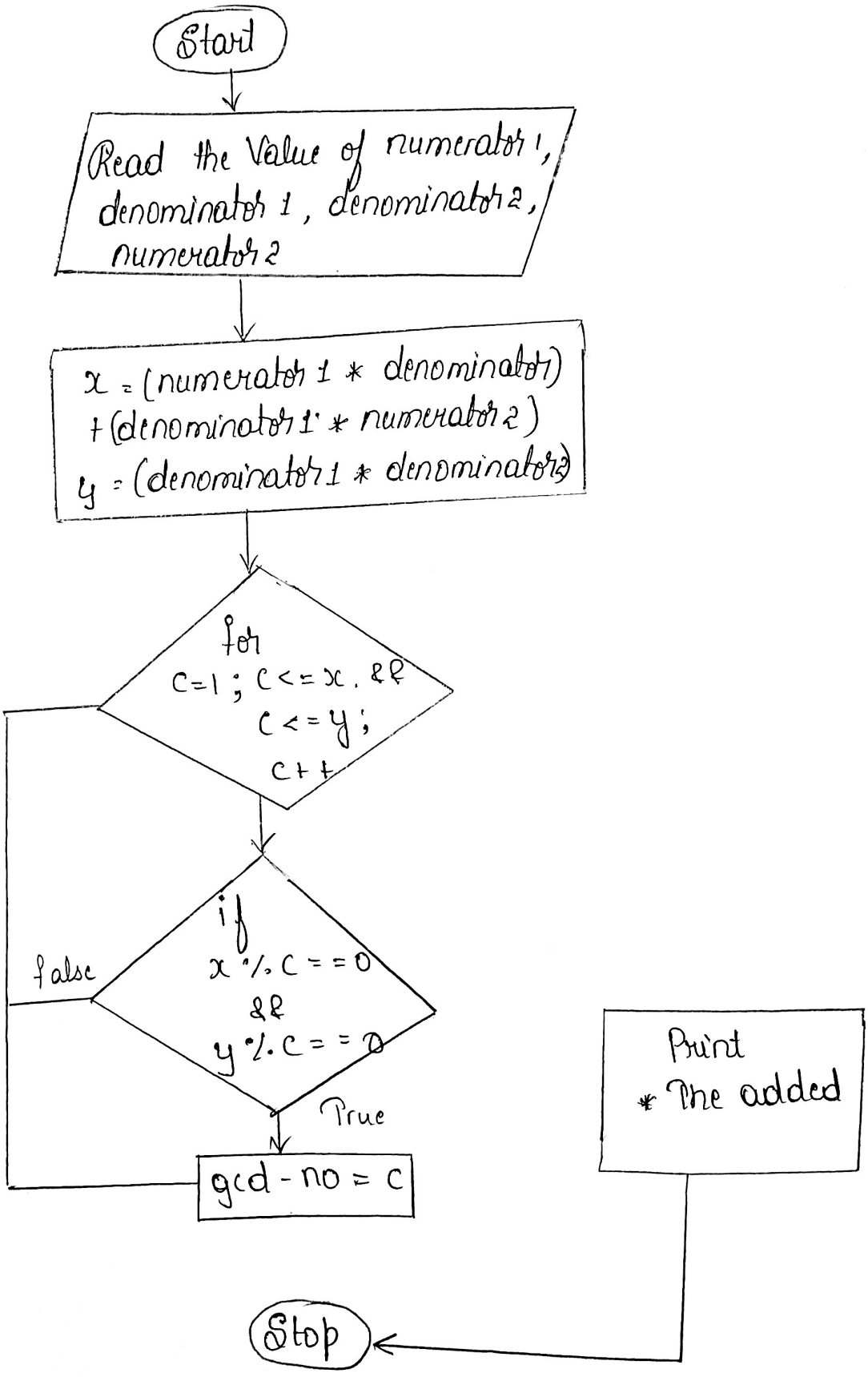
```
Enter the numerator for 1st number:
Enter the denominator for 1st number:
Enter the numerator for 2nd number:
Enter the denominator for 2nd number:
The added fraction is 2/1
```

Program to add two fractions

* Algorithm

1. Start
2. Read the Value of numerator, denominator 1, numerator 2, denominator 2.
3. x = (numerator 1 * denominator 2) + (denominator 1 * numerator 2)
4. Y = (denominator 1 * denominator 2)
5. for (c = 1; c <= x && c <= y; c++)
   if this condition fails, go to steps 1.
5.1 If (x % c == 0 && y % c == 0)
   if this condition fails, go to step 5
5.2 gcd. no = c
6. Repeat the step 5 until the condition fails
7. Print "The added fraction is " and display the two values of Condition x/gcd, y/gcd
8. Step.

Flow chart :


Start
Read the Value of numerator 1, denominator 1, denominator 2, numerator 2
x = (numerator 1 * denominator)
+ (denominator 1 * numerator 2)
y = (denominator 1 * denominator 2)
for
c=1 ; c<=x, &&
c<=y;
c++
if
x %. c == 0
&&
y %. c == 0
false
True
gcd - no = c
Print
* The added
Stop