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Pushpitha P

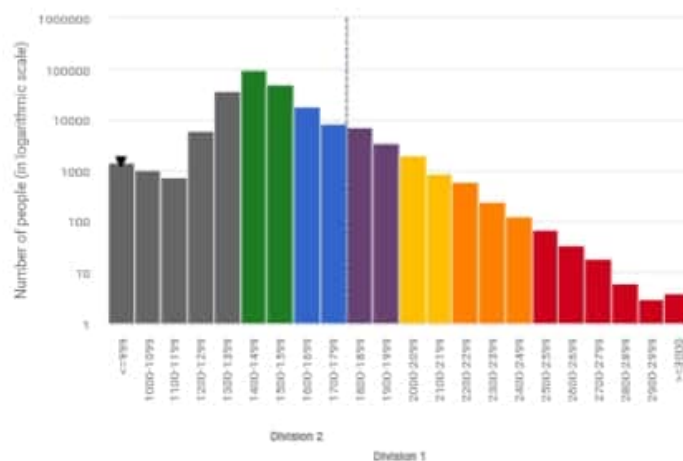


Username:	pushpitha2001
Country:	India
State:	Karnataka
City:	Mysuru
Student/Professional:	Student
Institution:	Alvas Institute of Engineering and Technology Karnataka, India
Teams List:	List of teams by Pushpitha P
Team Invites:	Click here to check team invites

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			



Code, Compile & Run | CodeC...



Ads



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Code, Compile & Run

Ide x +

C++14 (gcc 6.3)

```
1 #include<stdio.h>
2 int main()
3 {
4     int a,b,gcd,lcm,rem,num,deno;
5     printf("enter two numbers\n");
6     scanf("%d\n%d",&a,&b);
7     printf("%d\n%d\n",a,b);
8     if(a>b)
9     {
10        num=a;
11        deno=b;
12    }
13    else
14    {
15        num=b;
16        deno=a;
17    }
18    rem=num%deno;
19    while(rem!=0)
20    {
21        num=deno;
22        deno=rem;
23        rem=num%deno;
24    }
25    gcd=deno;
26    lcm=(a*b)/gcd;
27    printf("gcd of %d and %d=%d\n",a,b,gcd);
28    printf("lcm of %d and %d=%d\n",a,b,lcm);
29 }
```

27:40

Open File

✓ Custom Input

Run

Custom Input

5 8

Status Successfully executed Date 2020-06-03 10:22:55 Time 0 sec Mem 15.232 kB

Input

5 8

Output

```
enter two numbers
5
8
gcd of 5 and 8=1
lcm of 5 and 8=40
```

Algorithm

Step 1 : Start

Step 2 :- Read two number A, B.

Step 3 :- if $(A > B)$ Then

$N = A$

$D = B$

Else

$N = B$

$D = A$

ENDIF

Step 4 :- $x = N/D$

Step 5 :- WHILE $(x \neq 0)$

DO

$N = D$

$D = x$

$x = N \% D$

DONE

Step 6 :- $gcd = d$

Step 7 :- $Lcm = (a * b) / gcd$

Step 8 :- Display gcd, Lcm

Step 9 :- Stop.

Flowchart