— OR —

rashmi_2001 ✔

B.H. Rashmi ✔

rbh0659@gmail.com ✔

•••••••• ✔

● Female   ○ Male   ○ Other

Siddapur, Karnataka, India

● Student   ○ Professional   ○ Other

Alvas Institute of Engineering ✔

2020 ▾

C(gcc 6.3) ▾

☑ Send me newsletter & contest invitations.

☑ I abide by CodeChef's Code Of Conduct.

Register

Home ▸ B.H. Rashmi

B.H. Rashmi ✏ f 👥

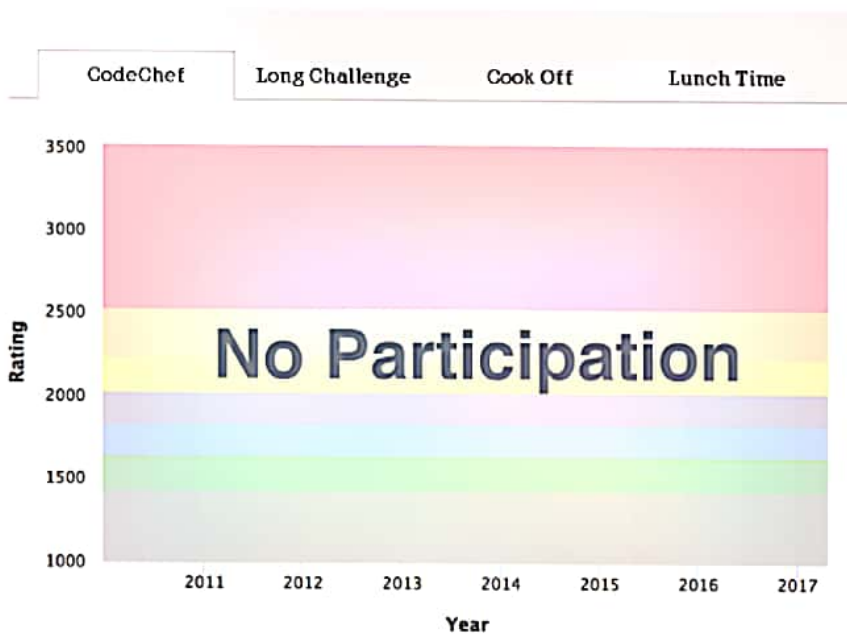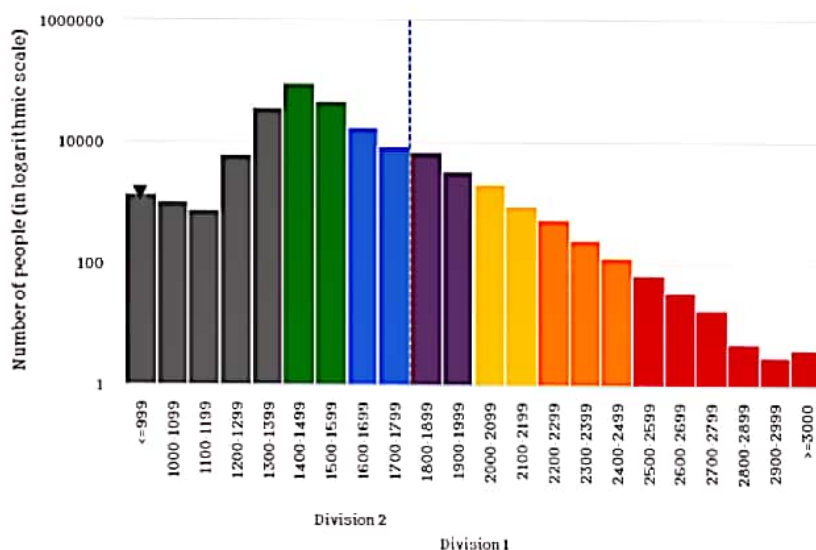|	
Username:	rashmi_2001
Country:	🇮🇳 India
State:	Karnataka
City:	Siddapur
Student/Professional:	Student
Institution:	Alvas Institute of Engineering and Technology Karnataka, India
Teams List:	List of teams by B.H. Rashmi
Team Invites:	Click here to check team invites. 0

Rating Graphs

CodeChef	Long Challenge	Cook Off	Lunch Time

No Participation

CodeChef Rating Distribution

0

⭐

CodeChef Rating
(Highest Rating 0)

NA	NA
Global Rank	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

| Contest Code/Name (e.g. JULY15/PRACTICE) | Problem Code/Name (e.g. TEST) | Select |

C (gcc 6.3)   ▼   🖫   🗑   Code gets auto saved every second   ⓘ ⬇ ↗ ⚙

```c
1  #include<stdio.h>
2  long int multiplyNumbers(int n);
3  int main() {
4      int n;
5      printf("Enter a positive integer: ");
6      scanf("%d",&n);
7      printf("Factorial of %d = %ld", n, multiplyNumbers(n));
8      return 0;
9  }
10
11 long int multiplyNumbers(int n) {
12     if (n>=1)
13         return n*multiplyNumbers(n-1);
14     else
15         return 1;
16 }
```

15:1   ↻

| Open File | | ✓ Custom Input | Run |

Custom Input

```
6
```

Status Successfully executed   **Date** 2020-07-02 05:28:04   **Time** 0 sec   **Mem** 9.424 kB   ✕

Input
```
6
```

Output
```
Enter a positive integer: Factorial of 6 = 720
```

B.H.Rashmi   4AL19CS018   F-Section

C program to find factorial of a given number wing recursion

Algorithm :-

    step 1 :- Start

    Step 2 :- Read number n

    step 3 :- call factorial (n)

    step 4 :- print factorial f

    Step 5 :- stop

factorial (n)

    step 1 :- If $n == 1$ then return 1

    step 2 :- Else

          $f = n *$ factorial $(n-1)$

    step 3 :- Return f.

Flowchart :-

start

↓

Read N

false ← N > 0 → True

Error

↓

stop

fact = 1

N == 1 → True → write fact → stop

↓

fact = fact * N

↓

N = N + 1