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☒ Female ☐ Male ☐ Other

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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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[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**

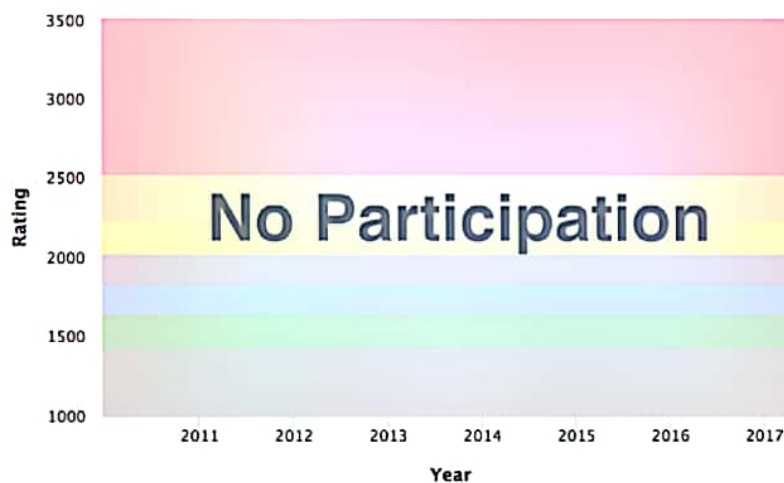
### Rating Graphs

CodeChef

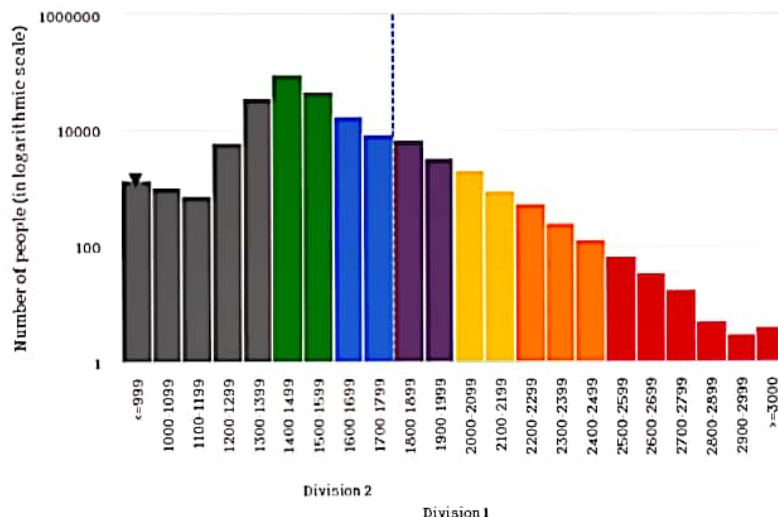
Long Challenge

Cook Off

Lunch Time



### CodeChef Rating Distribution


**0**

[CodeChef Rating](#)

(Highest Rating 0)

**NA**

Global Rank

**NA**

Country Rank

Contests	Rating	Global Rank	Country Rank
Long Challenge	0	<a href="#">NA</a>	<a href="#">NA</a>
Cook off	0	<a href="#">NA</a>	<a href="#">NA</a>
Lunch Time	0	<a href="#">NA</a>	<a href="#">NA</a>

### Recent Activity

Date/Time	Problem	Result	Lang
No Recent Activity			

## Code, Compile & Run

ide ✖ +

C++14 (gcc 6.3) ⓘ ⬆ ⬇ ⚙

```
1
2
3 #include <stdio.h>
4 #include <string.h>
5 #include <stdlib.h>
6
7 #define str_size 100
8 int main()
9 {
10     char str[str_size];
11     int i, len, vowel, cons;
12
13     printf("\n\nCount total number of vowel or consonant :\n");
14     printf("-----\n");
15     printf("Input the string : ");
16     fgets(str, sizeof str, stdin);
17
18     vowel = 0;
19     cons = 0;
20     len = strlen(str);
21
22     for(i=0; i<len; i++)
23     {
24
25         if(str[i] == 'a' || str[i] == 'e' || str[i] == 'i' || str[i] == 'o' || str[i] == 'u' || str[i] == 'A' || str[i] == 'E' || str[i] == 'I' || str[i] == 'O' || str[i] == 'U')
26         {
27             vowel++;
28         }
29         else if((str[i] == 'b' && str[i] <= 'z') || (str[i] == 'B' && str[i] <= 'Z'))
30         {
31             cons++;
32         }
33     }
34
35     printf("The total number of vowel in the string is : %d\n", vowel);
36     printf("The total number of consonant in the string is : %d\n", cons);
37 }
```

20 ⓘ

Open File

✓ Custom Input

Run

Custom Input

hellow world

Status Successfully executed Date 2020-06-18 07:18:46 Time 0 sec Mem 15.232 kB

Input

hellow world

Output

```
Count total number of vowel or consonant :
-----
Input the string :
The total number of vowel in the string is : 3
The total number of consonant in the string is : 8
```

## Code, Compile & Run

file

C++14 (gcc 6.3)

```
10 char str[100];
11 int i, len, vowel, cons;
12
13 printf("\nCount total number of vowel or consonant :");
14 printf("\n-----");
15 printf("Input the string : ");
16 fgets(str, sizeof str, stdin);
17
18 vowel = 0;
19 cons = 0;
20 len = strlen(str);
21
22 for(i=0; i<len; i++)
23 {
24     if(str[i]== 'a' || str[i]== 'e' || str[i]== 'i' || str[i]== 'o' || str[i]== 'u' || str[i]== 'A' || str[i]== 'E' || str[i]== 'I' || str[i]== 'O' || str[i]== 'U')
25     {
26         vowel++;
27     }
28     else if(str[i]== 'b' || str[i]== 'c' || str[i]== 'd' || str[i]== 'f' || str[i]== 'g' || str[i]== 'h' || str[i]== 'j' || str[i]== 'k' || str[i]== 'l' || str[i]== 'm' || str[i]== 'n' || str[i]== 'p' || str[i]== 'q' || str[i]== 'r' || str[i]== 's' || str[i]== 't' || str[i]== 'v' || str[i]== 'w' || str[i]== 'x' || str[i]== 'y' || str[i]== 'z' || str[i]== 'B' || str[i]== 'C' || str[i]== 'D' || str[i]== 'F' || str[i]== 'G' || str[i]== 'H' || str[i]== 'J' || str[i]== 'K' || str[i]== 'L' || str[i]== 'M' || str[i]== 'N' || str[i]== 'P' || str[i]== 'Q' || str[i]== 'R' || str[i]== 'S' || str[i]== 'T' || str[i]== 'V' || str[i]== 'W' || str[i]== 'X' || str[i]== 'Y' || str[i]== 'Z')
29     {
30         cons++;
31     }
32 }
33
34 printf("\nThe total number of vowel in the string is : %d", vowel);
35 printf("\nThe total number of consonant in the string is : %d", cons);
36
37 }
```

00

Q

Open File

✓ Custom Input

Run

Custom Input

hellow world

Status Successfully executed Date 2020-06-18 07:18:46 Time 0 sec Mem 15.232 kB

X

Input

hellow world

Output

```
Count total number of vowel or consonant :
-----
Input the string :
The total number of vowel in the string is : 3
The total number of consonant in the string is : 8
```

## C program to Count a number of vowels and Consonants in a string

### Algorithm :

- step 1 :- start
- step 2 :- Define a string
- step 3 :- Convert the string to lower case so that comparisons can be reduced. Else we need to compare with Capital (A, E, I, O, U)
- step 4 :- If any character in string matches with vowels (a, e, i, o, u) then increment the vcount by 1
- step 5 :- If any character lies between 'a' and 'z' except vowels, then increment the count for ccount by 1
- step 6 :- Print both the counts.
- step 7 :- stop.

## Flowchart :

