



OR

rashmi\_2001 ✓

B.H. Rashmi ✓

rbh0659@gmail.com ✓

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☒ Female ☐ Male ☐ Other

Siddapur, Karnataka, India

☒ Student ☐ Professional ☐ Other

Alvas Institute of Engineering & Technology ✓

2020 ▼

C(gcc 6.3) ▼

☒ Send me newsletter & contest invitations.

☒ I abide by [CodeChef's Code Of Conduct](#).

Register

Pr

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[Home](#) ▶ B.H. Rashmi

**B.H. Rashmi**


Username: rashmi\_2001

 Country:  India

State: Karnataka

City: Siddapur

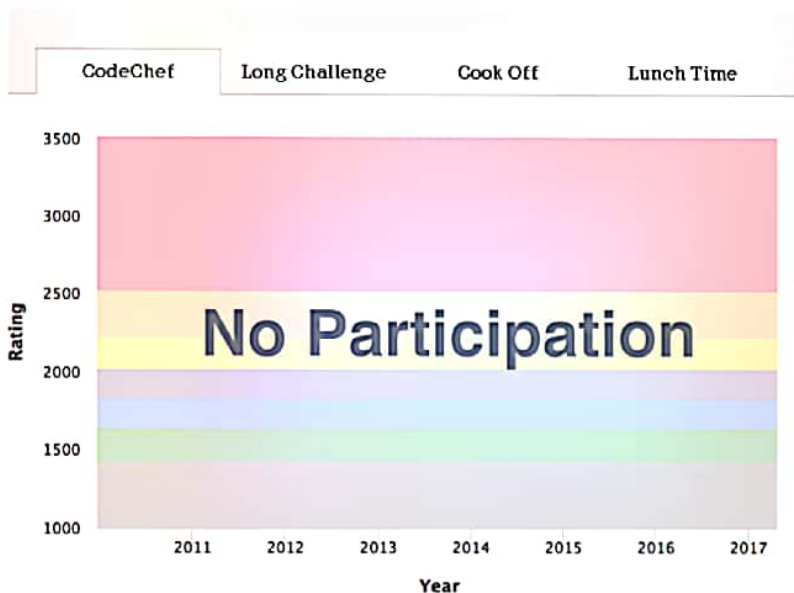
Student/Professional: Student

Institution: Alvas Institute of Engineering and Technology Karnataka, India

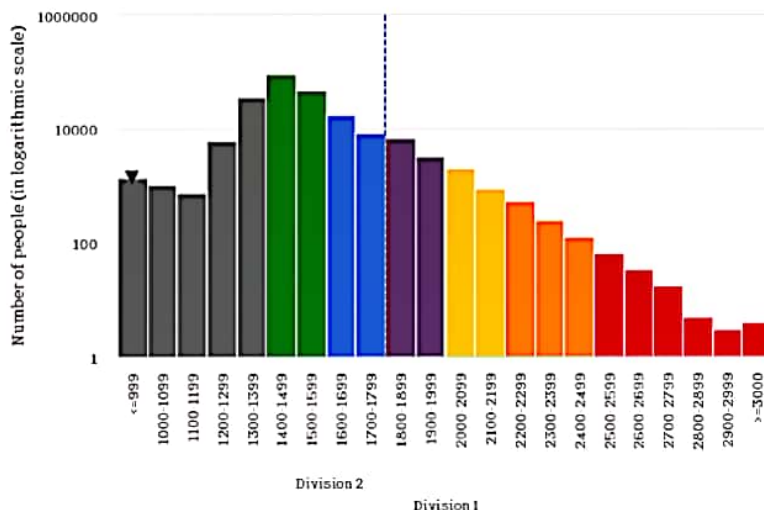
 Teams List: List of [teams](#) by B.H. Rashmi

 Team Invites: Click [here](#) to check team invites. **0**

### Rating Graphs



### CodeChef 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

Contest Code/Name (e.g. JULY15/PRACTICE)

Problem Code/Name (e.g. TEST)

Select

C (gcc 6.3)

Code gets autosaved every second

```
1 #include<stdio.h>
2 void main()
3 {
4     int n,a[10],i,pos,ele;
5     char ch;
6     printf("Enter the size of array\n");
7     scanf("%d",&n);
8     printf("%d\n",n);
9     printf("Enter the elements of array\n");
10    for(i=0;i<n;i++)
11    {
12        scanf("%d",&a[i]);
13        printf("%d\t",a[i]);
14    }
15    printf("\nThe array elements are \n");
16    for(i=0;i<n;i++)
17    {
18        printf("%d\t",a[i]);
19    }
20    printf("\nEnter the choice\n 1 for insertion \ 2 for deletion\n");
21    scanf("%c",&ch);
22    printf(" %c\n",ch);
23    switch(ch)
24    {
25        case '1': printf("Enter the position where new element is inserted\n");
26                  scanf("%d",&pos);
27                  printf("%d\n",pos);
28                  printf("Enter the element to be inserted\n");
```

0.0

Open File

✓ Custom Input

Run

Custom Input

5  
10 20 30 40 50 60  
2  
50

Status Runtime error

Date 2020-06-04 16:21:47

Time 0 sec

Mem 9.424 kB

×

Input

5  
10 20 30 40 50 60  
2  
50

Output

Enter the size of array  
5  
Enter the elements of array  
10 20 30 40 50  
The array elements are  
10 20 30 40 50  
Enter the choice

Runtime Error

NZEC

Scanned with CamScanner

# Code, Compile & Run

ide x +

Contest Code/Name (e.g. JULY15/PRACTICE)

Problem Code/Name (e.g. TEST)

Select

C (gcc 6.3)

Code gets auto-saved every second

```
28 printf("Enter the element to be inserted\n");
29 scanf("%d",&ele);
30 printf("%d\n",ele);
31 for(i=n-1;i>=pos;i--)
32 {
33     a[i+1]=a[i];
34 }
35 a[pos]=ele;
36 n++;
37 printf("The array after insertion\n");
38 for(i=0;i<n;i++)
39 {
40     scanf("%d",&a[i]);
41     printf("%d\t",a[i]);
42 }
43 break;
44
45 case '2':printf("Enter the position where element is deleted\n");
46 scanf("%d",&pos);
47 printf("%d\n",pos);
48 printf("Enter the element to be deleted\n");
49 scanf("%d",&ele);
50 printf("%d\n",ele);
51 ele=a[pos];
52 for(i=pos;i<n-1;i++)
53 {
54     a[i]=a[i+1];
55 }
```

0.0

Open File

✓ Custom Input

Run

Custom Input

```
5
10 20 30 40 50 60
2
50
```

Status Runtime error Date 2020-06-04 16:21:47 Time 0 sec Mem 9.424 kB

Input

```
5
10 20 30 40 50 60
2
50
```

Output

```
enter the elements of array
10 20 30 40 50
The array elements are
10 20 30 40 50
Enter the choice
1 for insertion 2 for deletion
6
```

Runtime Error

NZEC

# Code, Compile & Run

ide

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

C (gcc 6.3) Code gets auto-saved every second

```
38     for(i=0;i<n;i++)
39     {
40         scanf("%d",&a[i]);
41         printf("%d\t",a[i]);
42     }
43     break;
44
45     case '2':printf("Enter the position where element is deleted\n");
46             scanf("%d",&pos);
47             printf("%d\n",pos);
48             printf("Enter the element to be deleted\n");
49             scanf("%d",&ele);
50             printf("%d\n",ele);
51             ele=a[pos];
52             for(i=pos;i<n-1;i++)
53             {
54                 a[i]=a[i+1];
55             }
56             n--;
57             printf("The array after deletion of element\n");
58             for(i=0;i<n;i++)
59             {
60                 printf("%d\t",a[i]);
61             }
62             break;
63     default:printf("invalid choice");
64 }
65 }
```

00

Open File

✓ Custom Input

Run

Custom Input

```
5
10 20 30 40 50 60
2
50
```

Status Runtime error Date 2020-06-04 16:21:47 Time 0 sec Mem 9.424 kB

Input

```
5
10 20 30 40 50 60
2
50
```

Output

```
10 20 30 40 50
The array elements are
10 20 30 40 50
Enter the choice
1 for insertion 2 for deletion
6
invalid choice
```

Runtime Error

NZEC

Algorithm :

step 1 : start

step 2 : Input n

step 3 : Display Enter array Elements

for( $i=0$ ;  $i < n$ ;  $i++$ )

input  $a[i]$

step 4 : Enter the choice  $z$  for insertion 2 for deletion  
input  $ch$

step 5 : switch( $ch$ )

case '1' : Input pos, Ele

for( $i=n-1$ ;  $i \geq pos$ ;  $i--$ )

$a[i+1] = a[i]$

$a[pos] = Ele$

$n++$

Display Array after insertion

for( $i=0$ ;  $i < n$ ;  $i++$ )

output  $a[i]$

break

case '2' : Input pos, Ele

$Ele = a[pos]$

for( $i=pos$ ;  $i < n-1$ ;  $i++$ )

$a[i] = a[i+1]$

$n--$

Display Array after deletion

for( $i=0$ ;  $i < n$ ;  $i++$ )

output  $a[i]$

break

default : Display invalid choice

step 6 : stop.



## Flowchart :

