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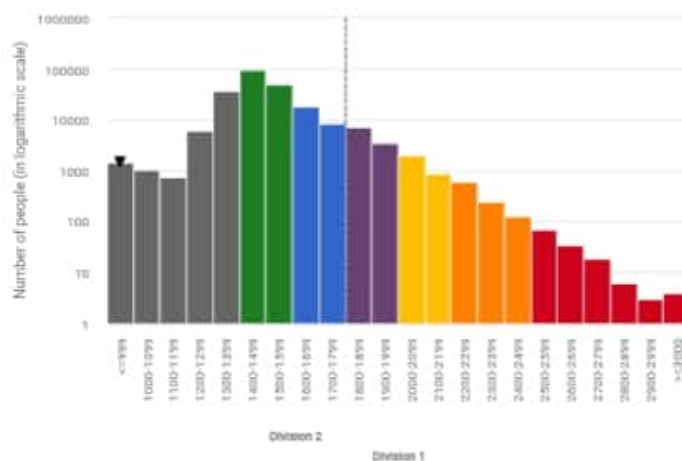|	
Username:	pushpitha2001
Country:	🇮🇳 India
State:	Karnataka
City:	Mysuru
Student/Professional:	Student
Institution:	Alvas Institute of Engineering and Technology Karnataka, India
Teams List:	List of teams by Pushpitha P
Team Invites:	Click here to check team invites. 🔄

Rating Graphs

CodeChef	Long Challenge	Cook Off	Lunch Time

CodeChef Rating Distribution

Division 2

Division 1

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

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Date/Time	Problem	Result	Lang
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Code, Compile & Run

Ide ✕ +

C++14 (gcc 6.3) ▼   ⓘ 📥 ⤢ ⚙

```c
1   #include <stdio.h>
2   #include<stdlib.h>
3   void printfrepeating(int arr[],int size)
4   {
5     int *count=(int*)calloc(sizeof(int),(size-2));
6     int i;
7     printf("repeating elements are");
8     for(i=0;i<size;i++)
9     {
10        if(count[arr[i]]==1)
11        printf("%d",arr[i]);
12        else
13        count[arr[i]]++;
14    }
15  }
16  int main()
17  {
18      int arr[]={4,3,4,5,2,3,1};
19      int arr_size=sizeof(arr)/sizeof(arr[0]);
20      printfrepeating(arr,arr_size);
21      return 0;
22
23  }
```

2:11   ⟳

Open File   ☐ Custom Input   Run

Status Successfully executed   Date 2020-06-08 05:55:32   Time 0 sec   Mem 15.232 kB   ✕

Output

```
repeating elements are42
```

Algorithm of a C program to execute repeating element in an array:-

Step 1 :- Start

Step 2 :- Declare and initialize an array.

Step 3 :- Duplicate elements can be found using two loops. The outer loop will iterate through the array from 0 to length of the array. The outer loop will select an element. The inner loop will be used to compare the selected element with the rest of the elements of the array.

Step 4 :- If a match is found which means the duplicate element is found then, display the element.

Step 5 :- Stop.

Flowchart

(Start)

Void find2repeat element.
(int arr[],
int arr_size)

int i, j
printf ("The repeating
elements are:");
i = 0

i < arr_size ?

False → (End)

True → j = i+1

j < arr_size ?

True → arr[i] == arr[j] ?

True → printf ("%d", arr[i])

False → j++

False → i++

(Start)

(int main())

int arr[], {2,1,4,1,8,3,4}
int ctr = size of (arr)/size of (arr[0])
int i;

printf ("The given array is:");

i < ctr ?

False → printf ("\n");
find2 repeat element (arr,
ctr);
return 0;

True → Print ("%d", arr[i]);

i++

(End)