CODECHEF
An Educational Initiative

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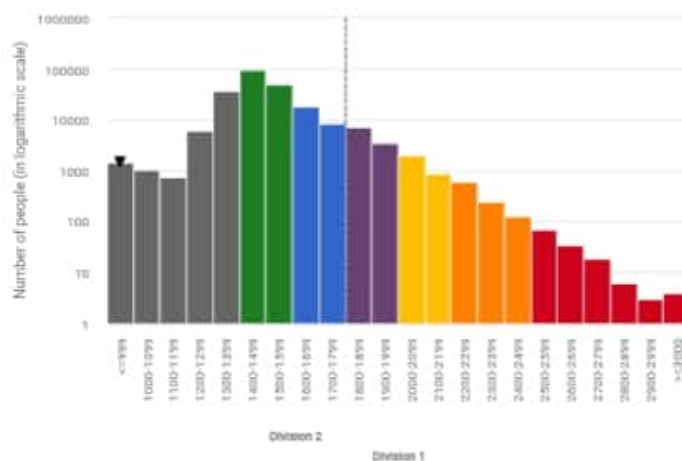|	
Username:	pushpitha2001
Country:	🇮🇳 India
State:	Karnataka
City:	Mysuru
Student/Professional:	Student
Institution:	Alvas Institute of Engineering and Technology Karnataka, India
Teams List:	List of teams by Pushpitha P
Team Invites:	Click here to check team invites. 🔄

Rating Graphs

| CodeChef | Long Challenge | Cook Off | Lunch Time |

CodeChef Rating Distribution

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
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Code, Compile & Run | CodeC... ⟳

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Code, Compile & Run

Ide ✕ +

C++14 (gcc 6.3) ▾   ⓘ ⬇ ⤢ ⚙

```
1   #include <stdio.h>
2   int sort(int arr[],int n)
3 ▾ {
4       int i,j;
5       for(i=0;i<n-1;i++)
6 ▾   {
7           for(j=0;j<n-1;j++)
8 ▾       {
9               if(arr[j]>arr[j+1])
10 ▾           {
11                  int temp=arr[j];
12                  arr[j]=arr[j+1];
13                  arr[j+1]=temp;
14              }
15          }
16      }
17  }
18  int arrays_equal(int arr1[],int arr2[],int n,int m)
19 ▾ {
20      sort(arr1,n);
21      sort(arr2,m);
22      int i;
23      for(i=0;i<n;i++)
24 ▾   {
25          if(arr1[i]!=arr2[i])
26 ▾       {
27              return 0;
28          }
29      }
```

37:10   ⟳

Open File   ✓Custom Input   Run

Custom Input

```
4 4
1 2 3 4
4 2 3 4
```

Status Successfully executed   Date 2020-06-09 05:27:30   Time 0 sec   Mem 15.232 kB   ✕

Input

```
4 4
1 2 3 4
4 2 3 4
```

Output

```
not same
```

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Code, Compile & Run

Ide ✕ +

C++14 (gcc 6.3) ▾   ⓘ ⬇ ⤢ ⚙

```
22  int i;
23      for(i=0;i<n;i++)
24      {
25          if(arr1[i]!=arr2[i])
26          {
27              return 0;
28          }
29      }
30  }
31  int main()
32  {
33      int n,m;
34      scanf("%d",&n);
35      scanf("%d",&m);
36      int arr1[n];
37      int arr2[m];
38      int i;
39      for(i=0;i<n;i++)
40      {
41          scanf("%d",&arr1[i]);
42      }
43      if (arrays_equal(arr1,arr2,n,m)==0)
44      {
45          printf("not same");
46      }
47      else
48      printf("same");
49      return 0;
50  }
```

37:10   ↻

Open File   ✓ Custom Input   Run

Custom Input

```
4 4
1 2 3 4
4 2 3 4
```

Status Successfully executed   Date 2020-06-09 05:27:30   Time 0 sec   Mem 15.232 kB   ✕

Input
```
4 4
1 2 3 4
4 2 3 4
```

Output
```
not same
```

Algorithm of a C program to find if two arrays are equal or not

Step1 :- Start

Step2 :- Input the number of elements of arr1 and arr2

Step3 :- Input the elements of arr1 and arr2.

Step4 :- If all the elements of arr1 and arr2 are equal then print "Same".

Step 5 :- Else, print "Not Same".

Step 6 :- Stop.

Flowchart

```
                    ┌─────────┐
                    │  Start  │
                    └─────────┘
                         │
                         ▼
              ┌──────────────────────┐
              │  int int1, int2;     │
              └──────────────────────┘
                         │
                         ▼
      ┌────────────────────────────────────────┐
      │ printf ("Input the values for number1  │
      │   and number2: ");                     │
      │ Scanf ("%d %d", &int1, &int2);         │
      └────────────────────────────────────────┘
                         │
                         ▼
                  ╱───────────────╲
                 ╱ int1 == int2 ?  ╲
                 ╲                 ╱
                  ╲───────────────╱
           True  ╱                 ╲  false.
                ▼                   ▼
   ┌────────────────────┐   ┌────────────────────┐
   │ printf ("Number1   │   │ printf ("Number1   │
   │  and Number2 are   │   │  and Number2 are   │
   │  equal \n");       │   │  not equal \n");   │
   └────────────────────┘   └────────────────────┘
              │                   │
              ▼                   ▼
                 ┌─────────┐
                 │   End   │
                 └─────────┘
```