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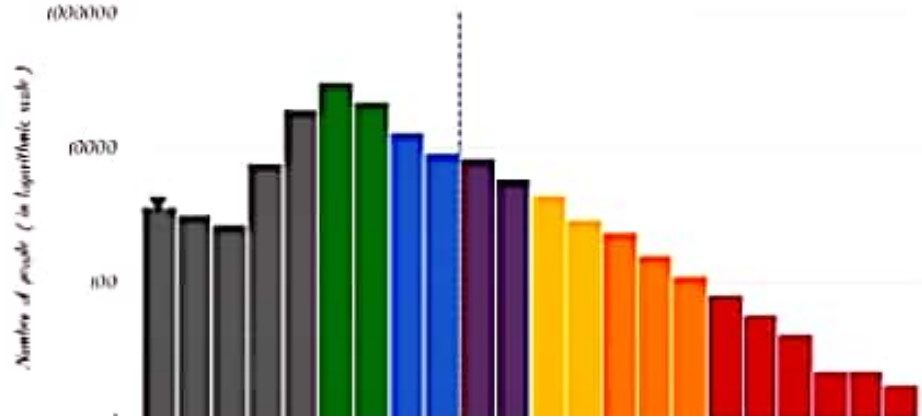
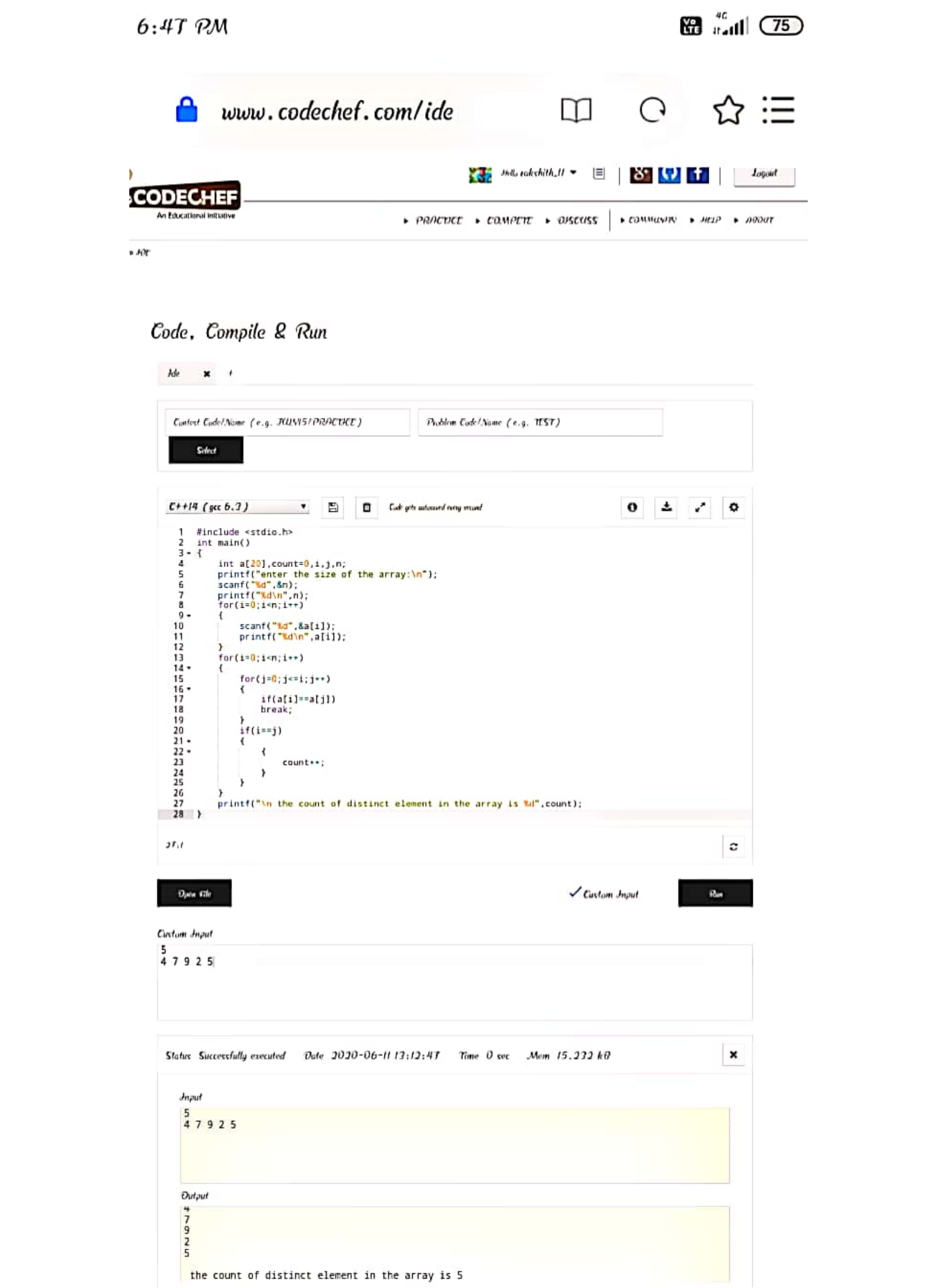
Teams List: List of teams by Rakshith K

Team Invites: Click here to check team invites. 0

Rating Graphs

CodeChef Rating Distribution




6:47 PM
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Select
C++14 (gcc 6.3)
#include <stdio.h>
int main()
{
int a[20],count=0,i,j,n;
printf("enter the size of the array:\n");
scanf("%d",&n);
printf("%d\n",n);
for(i=0;i<n;i++)
{
scanf("%d",&a[i]);
printf("%d\n",a[i]);
}
for(i=0;i<n;i++)
{
for(j=0;j<=i;j++)
{
if(a[i]==a[j])
break;
}
if(i==j)
{
{
count++;
}
}
}
printf("\n the count of distinct element in the array is %d",count);
}
Open file
Custom Input
Run
Custom Input
5
4 7 9 2 5
Status: Successfully executed
Date: 2020-06-11 13:12:47
Time: 0 sec
Mem: 15.232 kB
Input
5
4 7 9 2 5
Output
4
7
9
2
5
the count of distinct element in the array is 5
Scanned with CamScanner

Write a C-program to count distinct element in an array

Algorithm:

Step 1: Start.
Step 2: Input n
Step 3: Repeat for(i=0; i<n; i++)
    input a[i]
    output a[i]
    end [for]
Step 4: Repeat for(i=0; i<n; i++)
    Repeat for (j=0; j<=i; j++)
    if (a[i]==a[j]
    break
    if(i==j)
    Count = count+1
    end for
    end for
Step 5: output count
Step 6: Stop.

Flowchart: