
 <b>Marwadi</b> University	<b>Marwadi University</b> <b>Faculty of Technology</b> <b>Department of Information and Communication Technology</b>	
<b>Sem : 4</b>	<b>Name : VEDANT BHARAD</b>	
<b>Day : 70</b>	<b>Date : 26/12/2022</b>	<b>Enrollment No: 92100133023</b>

## CP Club 365Days Challenge

Programming language – C++


### Problem Statement

<https://www.codechef.com/problems/CHNGIT>

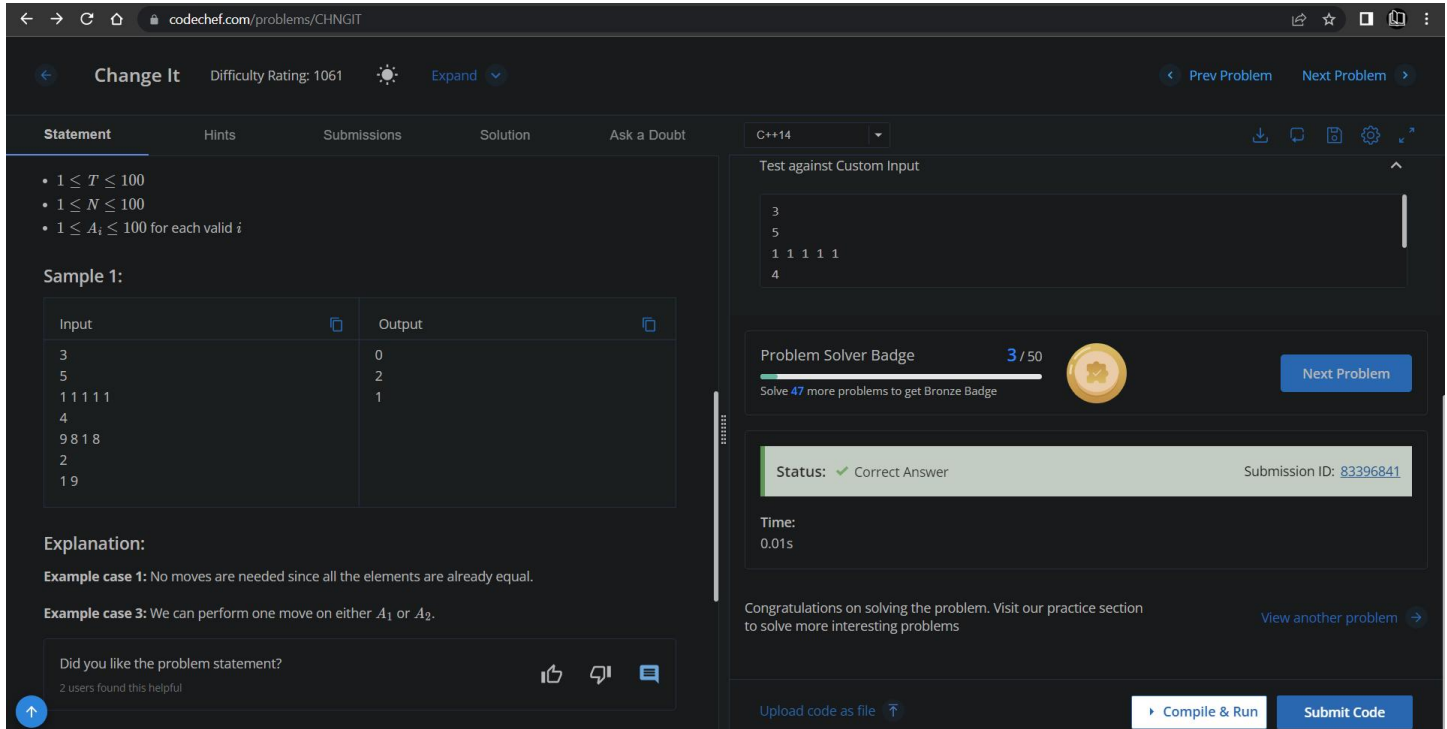
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## Your Code:

```
// 0x70Day of 0x365Days challenge
// VEDANT BHARAD
// 26-12-2022
#include <bits/stdc++.h>
using namespace std;
int mostFrequent(int a[], int n)
{
    int maxcount = 0;
    int returnvalue = 0;
    for (int i = 0; i < n; i++) {
        int count = 0;
        for (int j = 0; j < n; j++) {
            if (a[i] == a[j])
                count++;
        }
        if (count > maxcount) {
            maxcount = count;
            returnvalue = count;
        }
    }
    return returnvalue;
}
void ChangeIt(int a[],int n) {
    int temp=mostFrequent(a,n);
    if(n==1 || temp==n)
    {
        cout<<0<<endl;
    }
    else
    {
        cout<<n-temp<<endl;
    }
}
int main() {
    int t;
    cin >> t;
    while (t--) {
        int n;
        cin>>n;
        int a[n];
        for (int i = 0; i < n; i++) {
            cin >> a[i];
        }
        ChangeIt(a,n);
    }
    return 0;
}
```

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## Output (Screen Shot):



The screenshot shows the CodeChef interface for the problem "Change It". The problem statement is on the left, and the solution status is on the right.

**Problem Statement:**

- $1 \leq T \leq 100$
- $1 \leq N \leq 100$
- $1 \leq A_i \leq 100$  for each valid  $i$

**Sample 1:**

Input	Output
3	0
5	2
1 1 1 1 1	1
4	
9 8 1 8	
2	
1 9	

**Explanation:**

**Example case 1:** No moves are needed since all the elements are already equal.

**Example case 3:** We can perform one move on either  $A_1$  or  $A_2$ .

**Solution Status:**

- Status:** Correct Answer
- Submission ID:** 83396841
- Time:** 0.01s

**Problem Solver Badge:** 3 / 50. Solve 47 more problems to get Bronze Badge.

**Buttons:** Change It, Prev Problem, Next Problem, Compile & Run, Submit Code.

## Understanding about problem:

- In this task there will be number of test case,length of array and array it self as a input.
- In this task I need to return the number which is the count of minimum moves to make all the element of the array equal.

**Note:** If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

**ALL THE BEST**  
Team CP Club