 <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 : 100</b>	<b>Date : 25/01/2023</b>	<b>Enrollment No: 92100133023</b>

## CP Club 365 Days Challenge

Programming language – PYTHON


### Problem Statement

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

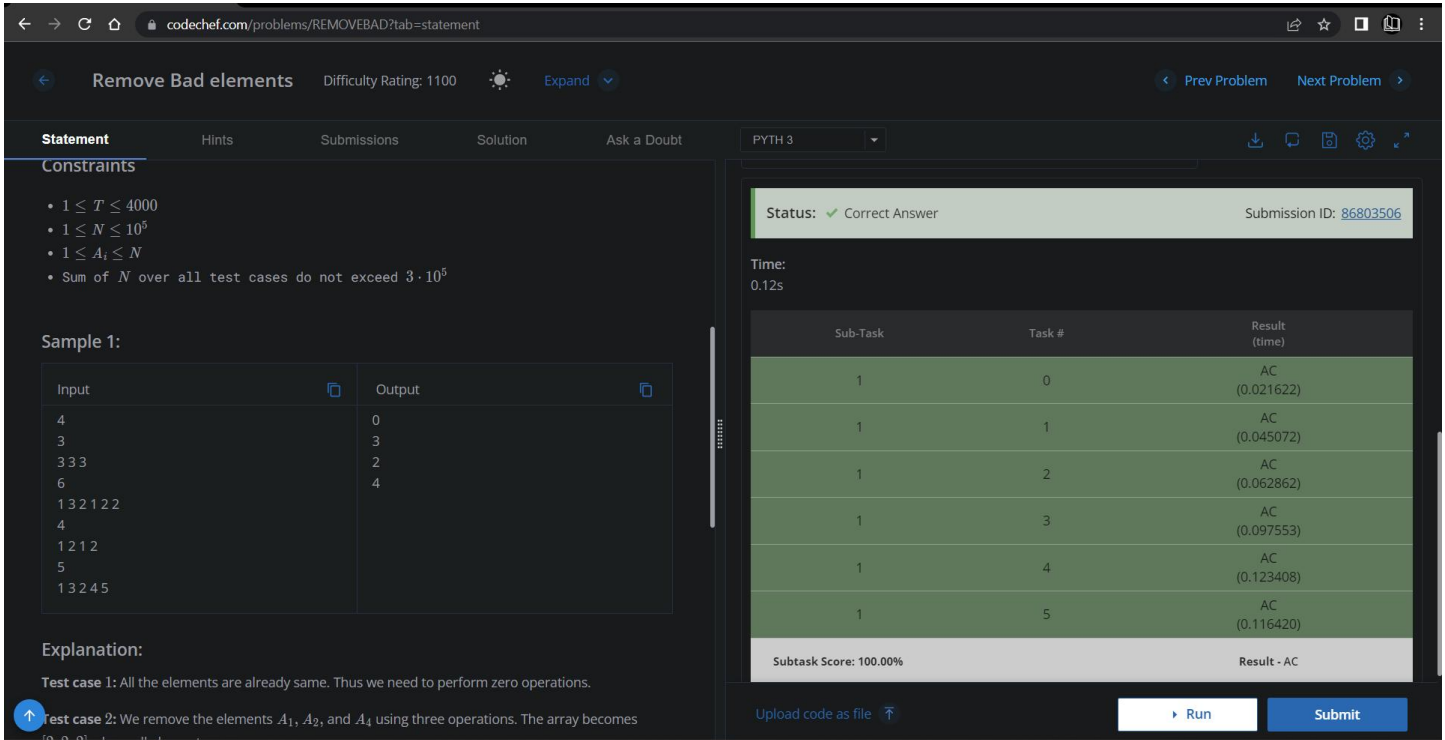
Git :- [https://github.com/Vedantbharad2603/CP\\_club\\_365\\_Days](https://github.com/Vedantbharad2603/CP_club_365_Days)

### Your Code:

```
# 0x100Day of 0x365Days challenge
# VEDANT BHARAD
# 25-1-2023
t=int(input())
for loop1 in range(t):
    n=int(input())
    arr=list(map(int,input().split()))
    arr2={}
    for loop1 in arr:
        if loop1 in arr2:
            arr2[loop1]+=1
        else:
            arr2[loop1]=1
    print(n-max(arr2.values()))
```

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## Output (Screen Shot):



The screenshot shows the CodeChef interface for the problem "Remove Bad elements" (Difficulty Rating: 1100). The problem statement includes constraints and sample input/output. The submission status is "Correct Answer" with a submission ID of 86803506. The execution time is 0.12s. The subtask score is 100.00% and the result is AC.

**Constraints:**

- $1 \leq T \leq 4000$
- $1 \leq N \leq 10^5$
- $1 \leq A_i \leq N$
- Sum of  $N$  over all test cases do not exceed  $3 \cdot 10^5$

**Sample 1:**

Input	Output
4	0
3	3
3 3 3	2
6	4
1 3 2 1 2 2	
4	
1 2 1 2	
5	
1 3 2 4 5	

**Explanation:**

Test case 1: All the elements are already same. Thus we need to perform zero operations.

Test case 2: We remove the elements  $A_1$ ,  $A_2$ , and  $A_4$  using three operations. The array becomes  $[3, 3, 3]$ .

**Submission Details:**

Sub-Task	Task #	Result (time)
1	0	AC (0.021622)
1	1	AC (0.045072)
1	2	AC (0.062862)
1	3	AC (0.097553)
1	4	AC (0.123408)
1	5	AC (0.116420)

Subtask Score: 100.00% Result - AC

## Understanding about problem:

In this task first I need to find number which have highest frequency and then divide that frequency from length of arr.

**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