 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 6	Name : Pushti Depani	
Day : 109	Date : 3/2/2023	Enrollment No: 92000133018

CP Club 365 Days Challenge

Programming language – Any language

Problem Statement

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

<https://www.codechef.com/viewsolution/87996357>

<https://github.com/Pushti18/CP-Club-100-onwards->

Your Code:

```
#include <bits/stdc++.h>
using namespace std;
```

```
int main (){
```


```
    int t;
    cin >> t;
```

```
    while(t--){
```

```
        int n;
        cin >> n;
```

```
        map <int,int> mp;
```

```
        // keeping a map to store the respective frequencies
        for(int i = 0 ;i<n ;i++){
```

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```

int d;
cin >> d;

mp[d]++;
}
int max = 0;
map <int,int> :: iterator it;
for(it = mp.begin() ; it != mp.end() ;it++){

    if(it->second > max)
        max = it->second;
}
if(n <= 2){
    cout << 0 << endl;
    continue;
}


if(max == 1)
    cout << n - 2 << endl;
else
    cout << n - max << endl;

}

return 0;
}

```

Output (Screen Shot):

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My Submissions

ID	Result	Time	Mem	Lang	Date	
85779971	✓	0.17s	8M	C++17	18 days ago	→

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Understanding about problem:

In this problem we are keeping a map to store the respective frequencies. Next we will check if size ≤ 2 no need to remove any elements. So max frequency is 1 so at last only 2 elements can remain all elements have frequency 1.

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