
 <b>Marwadi</b> University	<b>Marwadi University</b> <b>Faculty of Technology</b> <b>Department of Information and Communication Technology</b>	
<b>Sem : 3</b>	<b>Name : VEDANT BHARAD</b>	
<b>Day : 63</b>	<b>Date : 19/12/2022</b>	<b>Enrollment No: 92100133023</b>

## CP Club 365Days Challenge

Programming language – C++


### Problem Statement

[https://practice.geeksforgeeks.org/problems/twice-counter4236/1?page=1&difficulty\[\]=0&category\[\]=Strings&sortBy=accuracy](https://practice.geeksforgeeks.org/problems/twice-counter4236/1?page=1&difficulty[]=0&category[]=Strings&sortBy=accuracy)

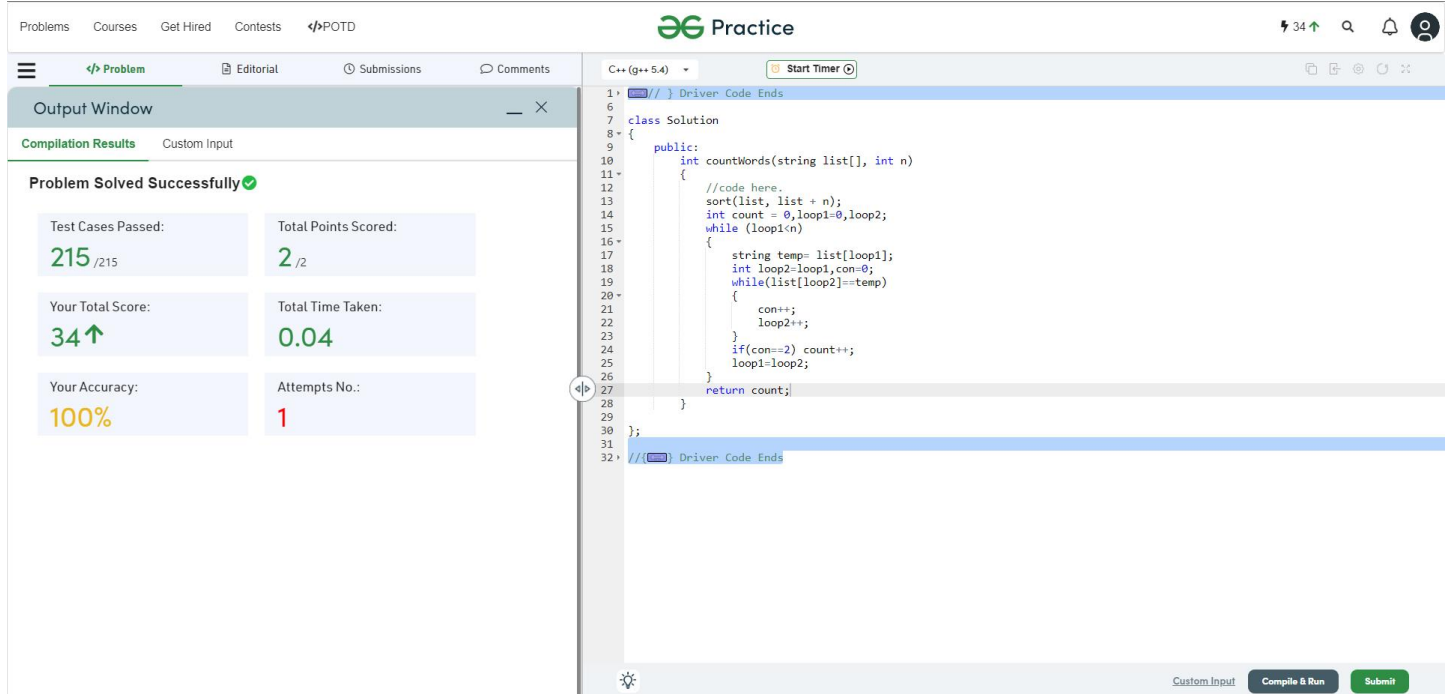
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## Your Code:

```
// 0x63Day of 0x365Days challenge
// VEDANT BHARAD
// 19-12-2022
//{ Driver Code Starts
#include <bits/stdc++.h>
using namespace std;
// } Driver Code Ends
class Solution
{
public:
    int countWords(string list[], int n)
    {
        //code here.
        sort(list, list + n);
        int count = 0, loop1=0, loop2;
        while (loop1<n)
        {
            string temp= list[loop1];
            int loop2=loop1, con=0;
            while(list[loop2]==temp)
            {
                con++;
                loop2++;
            }
            if(con==2) count++;
            loop1=loop2;
        }
        return count;
    }
};
//{ Driver Code Starts.
int main()
{
    int t;
    cin>>t;
    while(t-->0)
    {
        int n;
        cin>>n;
        string list[n];
        for(int i=0;i<n;i++)
            cin>>list[i];
        Solution ob;
        cout <<ob.countWords(list, n)<<endl;
    }
    return 0;
}
// } Driver Code Ends
```

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## Output (Screen Shot):



The screenshot shows a web-based C++ practice environment. On the left, an 'Output Window' displays 'Problem Solved Successfully' with the following statistics:

- Test Cases Passed: 215 / 215
- Total Points Scored: 2 / 2
- Your Total Score: 34 ↑
- Total Time Taken: 0.04
- Your Accuracy: 100%
- Attempts No.: 1

The main editor shows C++ code for a function `countWords` that counts words appearing exactly twice in a list. The code is as follows:

```

1 // } Driver Code Ends
2
3 class Solution
4 {
5     public:
6         int countWords(string list[], int n)
7         {
8             //code here.
9             sort(list, list + n);
10            int count = 0, loop1=0, loop2;
11            while (loop1<n)
12            {
13                string temp= list[loop1];
14                int loop2=loop1, con=0;
15                while(list[loop2]==temp)
16                {
17                    con++;
18                    loop2++;
19                }
20                if(con==2) count++;
21                loop1=loop2;
22            }
23            return count;
24        }
25    };
26 // } Driver Code Ends

```

## Understanding about problem:

- In this task I need to return number which is count of words that appear exactly twice in the list.

**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