Marwadi University	**Marwadi University** **Faculty of Technology** **Department of Information and Communication Technology**	
Sem : 3	**Name : VEDANT BHARAD**	
Day : 34	**Date : 20/11/2022**	**Enrollment No: 92100133023**

CP Club 365Days Challenge

Date – 20/11/2022

Programming language – only C++ language

Problem Statement

Code must be in C++ language only

https://practice.geeksforgeeks.org/problems/maximum-occuring-character-1587115620/1?page=2&category[]=Strings&sortBy=submissions

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Your Code:

```
// 0x34Day of 0x365Days challenge
// VEDANT BHARAD
// 20-11-2022
//{ Driver Code Starts
#include<bits/stdc++.h>
using namespace std;
// } Driver Code Ends
class Solution
{
    public:
    //Function to find the maximum occurring character in a string.
    int howMany(string str,char tofind){
        int count=0,l=str.length();
        for(int loop=0;loop<l;loop++){
            if(str[loop]==tofind){
                count++;
            }
        }
        return count;
    }
    char getMaxOccuringChar(string str){
        int l=str.length(),max=0;
        char maxOccuring;
        for(int loop=0;loop<l;loop++){
            int temp=howMany(str,str[loop]);
            if(max<temp){
                max=temp;
                maxOccuring=str[loop];
            }
            else if(max==temp){
                if(maxOccuring>str[loop]){
                    max=temp;
                    maxOccuring=str[loop];
                }
            }
        }
        return maxOccuring;
    }
};
//{ Driver Code Starts.
int main()
{
    int t;
    cin >> t;
    while(t--){
        string str;
        cin >> str;
        Solution obj;
        cout<< obj.getMaxOccuringChar(str)<<endl;
    }
}
// } Driver Code Ends
```

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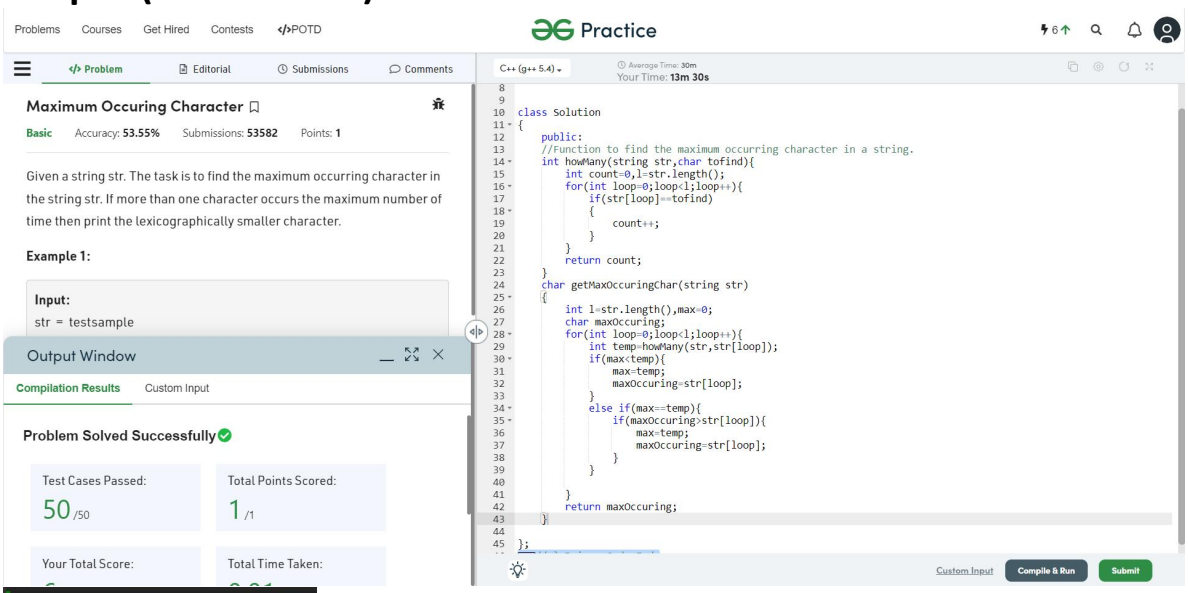
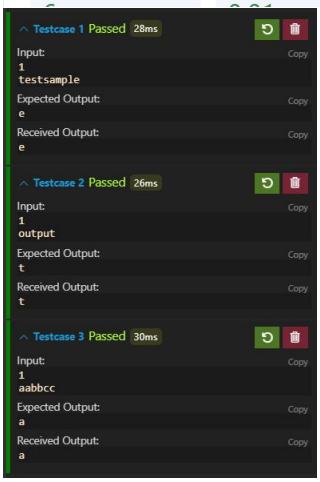
Output (Screen Shot):





Understanding about problem:

1. In this task there is one input string.
2. In this task I need to return character which having the highest frequency.

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