

Elite-S013-HashingSolved Challenges **0/2**[Back To Challenges List](#)**Alphabet Count****ID:11078 Solved By 755 Users**

The program must accept a string **S** containing only alphabets as the input. The program must print the alphabets in S along with their number of occurrences in alphabetical order.

Note: The order of the output must be upper case alphabets followed by lower case alphabets.

Boundary Condition(s):

$2 \leq \text{Length of } S \leq 10^5$

Input Format:

The first line contains S.

Output Format:

The first line contains the alphabets in S along with their number of occurrences in alphabetical order.

Example Input/Output 1:

Input:

award

Output:

a2d1r1w1

Example Input/Output 2:

Input:

IndianCricketCouncil

Output:

C2I1a1c2d1e1i3k1l1n3o1r1t1u1

Max Execution Time Limit: 500 millisecs

C (gcc 8.x)

[Reset](#)

```
1  #include<stdio.h>
2  #include<stdlib.h>
3
4  int main()
5  {
6      char str[100001];
7      scanf("%[^\n]",str);
8
9      int arr[122] = {0};
10     for(int index=0;str[index];index++)
11     {
12         arr[str[index]]++;
13     }
14
15     for(int index=65;index<=122;index++)
16     {
17         if(arr[index]!=0)
18             printf("%c%d",index,arr[index]);
19     }
20
21
22 }
```

Code did not pass the execution

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Your Program Output:

a2d1r1w1

Save

Run

☐ Run with a custom test case (Input/Output)