

Status	Finished
Started	Saturday, 6 December 2025, 1:35 PM
Completed	Saturday, 6 December 2025, 1:53 PM
Duration	18 mins 35 secs

Question 1

Correct

Given a string, **s**, consisting of alphabets and digits, find the frequency of each digit in the given string.

Input Format

The first line contains a string, **num** which is the given number.

Constraints

$$1 \leq \text{len}(\text{num}) \leq 1000$$

All the elements of num are made of English alphabets and digits.

Output Format

Print ten space-separated integers in a single line denoting the frequency of each digit from **0** to **9**.

Sample Input 0

a11472o5t6

Sample Output 0

0 2 1 0 1 1 1 1 0 0

Explanation 0

In the given string:

- **1** occurs two times.
- **2, 4, 5, 6** and **7** occur one time each.

The remaining digits **0, 3, 8** and **9** don't occur at all.

Answer: (penalty regime: 0 %)

```

1 #include<stdio.h>
2 int main(){
3     char str[1000];
4     scanf("%s",str);
5     int hash[10]={0,0,0,0,0,0,0,0,0,0,};
6     int temp;
7     for(int i=0;str[i]!='\0';i++){
8         temp=str[i]-'0';
9         if(temp<=9&&temp>=0){
10             hash[temp]++;
11         }
12     }
13     for(int i=0;i<=9;i++){
14         printf("%d ",hash[i]);
15     }
16 }
```



	Input	Expected	Got	
✓	a11472o5t6	0 2 1 0 1 1 1 1 0 0	0 2 1 0 1 1 1 1 0 0	✓
✓	lw4n88j12n1	0 2 1 0 1 0 0 0 2 0	0 2 1 0 1 0 0 0 2 0	✓
✓	1v88886l256338ar0ekk	1 1 1 2 0 1 2 0 5 0	1 1 1 2 0 1 2 0 5 0	✓

Passed all tests! ✓

Question 2

Correct

Given a sentence, **s**, print each word of the sentence in a new line.

Input Format

The first and only line contains a sentence, **s**.

Constraints

$1 \leq \text{len}(s) \leq 1000$

Output Format

Print each word of the sentence in a new line.

Sample Input 0

This is C

Sample Output 0

This
is
C

Explanation 0

In the given string, there are three words ["This", "is", "C"]. We have to print each of these words in a new line.

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main(){
3     char s[1000];
4     scanf("%[^\\n]s",s);
5     for(int i=0;s[i]!='\\0';i++){
6         if(s[i]!=' ')
7             printf("%c",s[i]);
8         else
9             printf("\\n");
10    }
11 }
```

	Input	Expected	Got	
✓	This is C	This is C	This is C	✓
✓	Learning C is fun	Learning C is fun	Learning C is fun	✓

Passed all tests! ✓

Question 3

Correct

Input Format

You are given two strings, **a** and **b**, separated by a new line. Each string will consist of lower case Latin characters ('a'-'z').

Output Format

In the first line print two space-separated integers, representing the length of **a** and **b** respectively.

In the second line print the string produced by concatenating **a** and **b** (**a + b**).

In the third line print two strings separated by a space, **a'** and **b'**. **a'** and **b'** are the same as **a** and **b**, respectively, except that their first characters are swapped.

Sample Input

abcd

ef

Sample Output

4 2

abcdef

ebcd af

Explanation

a = "abcd"

b = "ef"

|a| = 4

|b| = 2

a + b = "abcdef"

a' = "ebcd"

b' = "af"

Answer: (penalty regime: 0 %)

```

1 #include<stdio.h>
2 int main(){
3     char t,str1[10],str2[10];
4     int i=0,j=0;
5     int count1=0,count2=0;
6     scanf("%s",str1);
7     scanf("%s",str2);
8     while(str1[i]!='\0'){
9         count1++;
10        i++;
11    }
12    while(str2[j]!='\0'){
13        count2++;
14        j++;
15    }
16    printf("%d %d\n",count1,count2);
17    printf("%s%s\n",str1,str2);
18    t=str1[0];
19    str1[0]=str2[0];
20    str2[0]=t;
21    printf("%s %s",str1,str2);
22    return 0;
23 }
```

	Input	Expected	Got	
✓	abcd ef	4 2 abcdef ebcd af	4 2 abcdef ebcd af	✓

Passed all tests! ✓