

Status	Finished
Started	Monday, 1 December 2025, 10:40 PM
Completed	Monday, 1 December 2025, 10:58 PM
Duration	18 mins 5 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 #include<string.h>
3 #include<ctype.h>
4 int main(){
5     char s[1001];
6     int freq[10]={0};
7     scanf("%s",s);
8     for(int i=0;s[i]!='\0';i++)
9     {
10         if(isdigit(s[i])){
11             freq[s[i]-'0']++;
12         }
13     }
14     for(int i=0;i<10;i++){
15         printf("%d ",freq[i]);
16     }
17     return 0;
}

```



	Input	Expected	Got	
nf~	a11472o5t6	0 2 1 0 1 1 1 1 0 0	0 2 1 0 1 1 1 1 0 0	nf~
nf~	lw4h88j12n1	0 2 1 0 1 0 0 0 2 0	0 2 1 0 1 0 0 0 2 0	nf~
nf~	1v88886l256338ar0ekk	1 1 1 2 0 1 2 0 5 0	1 1 1 2 0 1 2 0 5 0	nf~

nf~
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[1001];
4     fgets(s,sizeof(s),stdin);
5     for(int i=0;s[i]!='\0';i+
6         if(s[i]==' ')
7             printf("\n");
8         else
9             printf("%c",s[i])
10    }
11    return 0;
12 }
```

	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 #include<string.h>
3 int main(){
4     char a[1001],b[1001];
5     scanf("%s",a);
6     scanf("%s",b);
7     printf("%lu %lu\n",strlen
8     printf("%s%s\n",a,b);
9     char temp=a[0];
10    a[0]=b[0];
11    b[0]=temp;
12    printf("%s %s",a,b);
13    return 0;
14 }
```

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

Passed all tests!