Status	Finished
Started	Sunday, 23 November 2025, 8:28 PM
Completed	Sunday, 23 November 2025, 8:40 PM
Duration	11 mins 34 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 ≤ len(num) ≤ 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 %)

```c
#include <stdio.h>
#include<string.h>
int main()
{
    char s[1001];
    int freq[10]={0};
    scanf("%s",s);
    for(int i=0;s[i]!='\0';i++)
    {
        if(s[i]>='0' && s[i]<='9')
        {
            freq[s[i]-'0']++;
        }
    }
    for(int i=0;i<10;i++)
    {
        printf("%d",freq[i]);
        if(i<9)
        printf(" ");
    }
    return 0;

}
```

	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 ≤ len(s) ≤ 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 %)

```
#include<stdio.h>
int main()
{
    char s[1001];
```

```
    fgets(s,sizeof(s),stdin);
    for(int i=0;s[i]!='\0';i++)
    {
        if(s[i]==' ')
        {
            printf("\n");
        }
        else
        {
            printf("%c",s[i]);
        }
    }
    return 0;
}
```

	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 %)

```c
#include <stdio.h>
#include <string.h>
int main()
{
    char a[1001],b[1001];
    scanf("%s",a);
    scanf("%s",b);
    printf("%lu %lu\n",strlen(a),strlen(b));
    printf("%s%s\n",a,b);
    char a_prime[1001],b_prime[1001];
    strcpy(a_prime,a);
    strcpy(b_prime,b);
    if(strlen(a)>0 && strlen(b)>0)
    {
        char temp=a_prime[0];
        a_prime[0]=b_prime[0];
        b_prime[0]=temp;

    }
    printf("%s %s\n",a_prime,b_prime);
    return 0;
}
```

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

Passed all tests! ✓