Status	Finished
Started	Tuesday, 2 December 2025, 5:22 PM
Completed	Tuesday, 2 December 2025, 6:34 PM
Duration	1 hour 11 mins

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>
int main() {
    char s[1001];
    int i,freq[10]={0};
    scanf("%s",s);
    for(i=0;s[i]!='\0';i++) {
        if(s[i]>='0'&&s[i]<='9')
           freq[s[i]-'0']++;



    }
    for(i=0;i<10;i++) {
        printf("%d ",freq[i]);
    }
}
```

	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>
#include<string.h>
int main() {
    char s[1000];
```

```
5       int i=0;
6      fgets(s,sizeof(s),stdin);
7      while(s[i]!='\0') {
8          if(s[i]==' '||s[i]=='\n') {
9              printf("\n");
10         }
11         else {
12             printf("%c",s[i]);
13         }
14         i++;
15     }
16
17
18
19
20
21
22
23 }
```

	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[1000],b[1000];
    scanf("%s",a);
    scanf("%s",b);
    printf("%zu %zu\n",strlen(a),strlen(b));
    strcat(a,b);
    printf("%s\n",a);
     char temp=a[0];
     a[0]=b[0];
     b[0]=temp;


     printf("%.4s %s",a,b);

}
```

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

Passed all tests! ✓