

Status	Finished
Started	Tuesday, 9 December 2025, 12:01 PM
Completed	Tuesday, 9 December 2025, 12:17 PM
Duration	15 mins 58 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 s[1001];
4      int i,freq[10]={0};
5      scanf("%s",s);
6      for (i=0;s[i]!='\0';i++){
7          if(s[i]>='0'&&s[i]<='9')
8              freq [s[i]-'0']++;
9
10     }
11     for (i=0;i<10;i++){
12         printf("%d ",freq[i]);
13     }
14 }
```



	Input	Expected	Got	
✓	a11472o5t6	0 2 1 0 1 1 1 1 0 0	0 2 1 0 1 1 1 1 0 0	✓
✓	1w4n88j12n1	0 2 1 0 1 0 0 0 2 0	0 2 1 0 1 0 0 0 2 0	✓
✓	1v888861256338ar0ekk	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 #include<string.h>
3 int main(){
4     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 | }
```

	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[1000],b[1000];
5     scanf("%s",a);
6     scanf("%s",b);
7     printf("%zu %zu\n",strlen(a),strlen(b));
8     strcat(a,b);
9     printf("%s\n",a);
10    char temp =a[0];
11    a[0]=b[0];
12    b[0]=temp;
13    printf("%.4s %s",a,b);
14 }
```

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

Passed all tests! ✓