3

Digit Frequency ★

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C language
★★★★

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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

$1 \leq len(num) \leq 1000$

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.
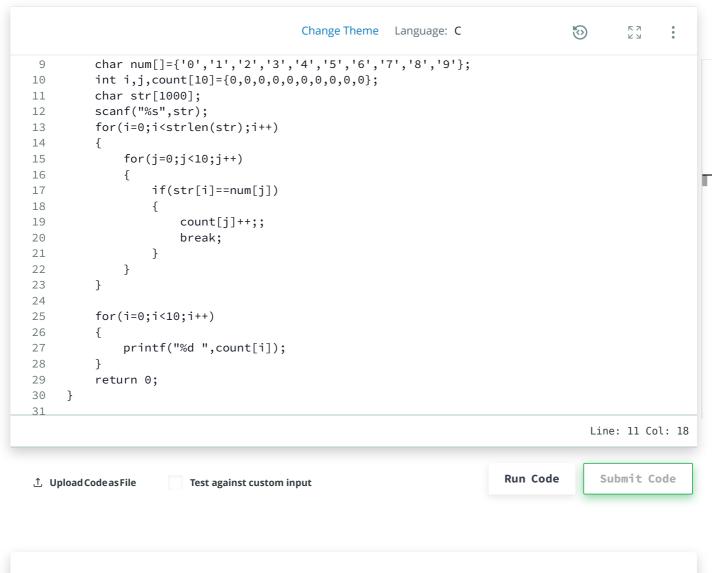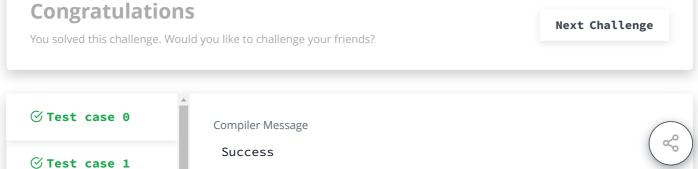
Sample Input 1

```
lw4n88j12n1
```

Sample Output 1

0 2 1 0 1 0 0 0 2 0

Sample Input 2

1v88886l256338ar0ekk

Sample Output 2

1 1 1 2 0 1 2 0 5 0

Change Theme   Language: C

```c
 9      char num[]={'0','1','2','3','4','5','6','7','8','9'};
10      int i,j,count[10]={0,0,0,0,0,0,0,0,0,0};
11      char str[1000];
12      scanf("%s",str);
13      for(i=0;i<strlen(str);i++)
14      {
15          for(j=0;j<10;j++)
16          {
17              if(str[i]==num[j])
18              {
19                  count[j]++;;
20                  break;
21              }
22          }
23      }
24
25      for(i=0;i<10;i++)
26      {
27          printf("%d ",count[i]);
28      }
29      return 0;
30  }
31
```

Line: 11 Col: 18

⬆ Upload Code as File   ☐ Test against custom input   **Run Code**   **Submit Code**

Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

✓ **Test case 0**

✓ **Test case 1**

Compiler Message

Success

⊘ **Test case 2**

⊘ **Test case 3** 🔒

⊘ **Test case 4** 🔒

⊘ **Test case 5** 🔒

⊘ **Test case 6** 🔒

Input (stdin)   Download

```
1    a11472o5t6
```

Expected Output   Download

```
1    0 2 1 0 1 1 1 1 0 0
```