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PL-2020-C-Digit Frequency   🔒 locked

Problem	Submissions	Leaderboard	Discussions

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

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

```
lw4n88j12n1
```

Sample Output 0

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

Sample Input 1

```
1v88886l256338ar0ekk
```

Sample Output 1

```
1 1 1 2 0 1 2 0 5 0
```

Sample Input 2

```
a11472o5t6
```

Sample Output 2

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

Explanation 2

```
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.

C

```c
1  #include<stdio.h>
2  #include<string.h>
3
4
5  int main ()
6  {
7    char a[1000], freq[256] = {0};
8    int i, n, j, count = 0;
9    scanf("%[^\n]s", a);
10   n = strlen(a);
11   char ch = '0';
12   for (i = 0; i < 10; i++)
13     {
14           for (j = 0; j < n; j++)
15           {
16             if (a[j] == ch)
17             {
18                 count++;
19             }
20           }
21       printf("%d ", count);
22       count = 0;
23       ch++;
24     }
25   return 0;
26 }
```

Line: 1 Col: 1

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