**Digit Frequency**

Given a string, , consisting of alphabets and digits, find the frequency of each digit in the given string.

**Input Format**

The first line contains a string, which is the given number.

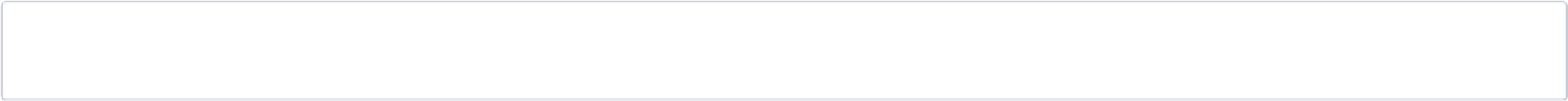
**Constraints**

All the elements of num are made of english alphabets and digits.

**Output Format**

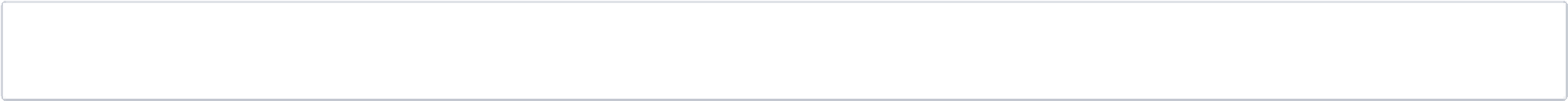
Print ten space-separated integers in a single line denoting the frequency of each digit from to .

**Sample Input 0**



a11472o5t6

**Sample Output 0**



0

2 1 0 1 1 1 1 0 0

**Explanation 0**

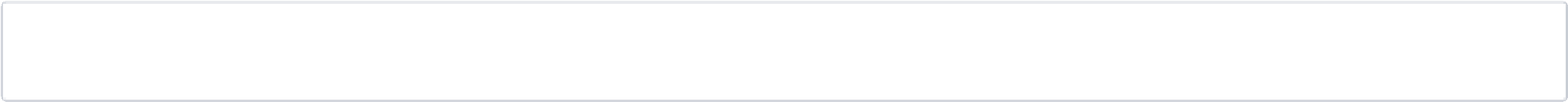
In the given string:

occurs two times.

and occur one time each.

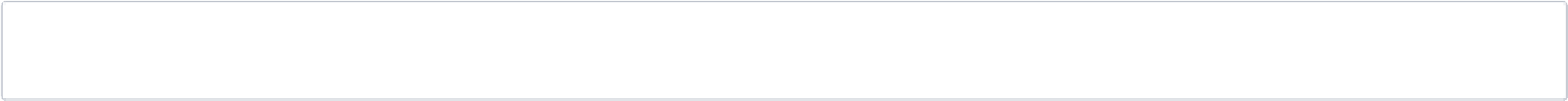
The remaining digits and don't occur at all.

**Sample Input 1**



lw4n88j12n1

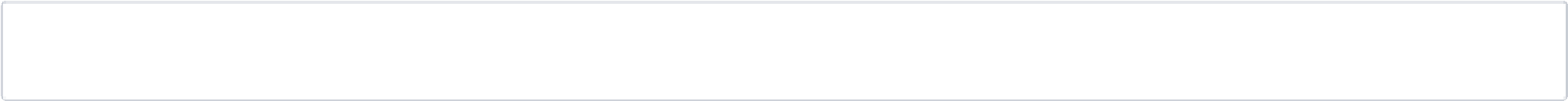
**Sample Output 1**



0

2 1 0 1 0 0 0 2 0

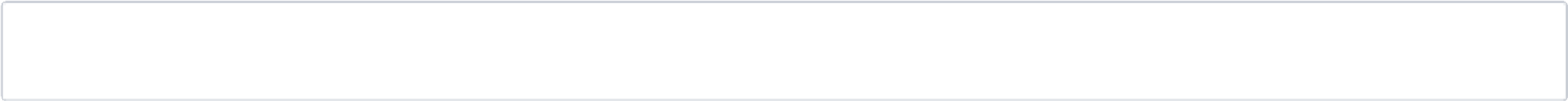
**Sample Input 2**



1

v88886l256338ar0ekk

**Sample Output 2**



1

1 1 2 0 1 2 0 5 0