Digit Frequency

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
```