

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

$$1 \leq \text{len}(\text{num}) \leq 1000$$

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.

Sample Input 1

```
lw4n88jl2n1
```

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
```