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

a11472o5t6

Sample Output 0

```
#include<stdio.h>
 1
 2
    int main()
 3 ₩
    {
 4
        char str[1000];
        scanf("%s",str);
 5
 6
        7
        int temp;
        for(int i=0;str[i]!='\0';i+-
 8
 9 .
        {
10
            temp=str[i]-'0';
            if(temp \le 9\&\&temp \ge 0)
11
12 ₩
                hash[temp]++;
13
14
15
        for(int i=0;i<=9;i++)
16
17 ₩
            printf("%d ",hash[i]);
18
19
        return 0;
20
21
    }
```

	Input		Expected				
~	a11472o5t6	0	2	1	0	1	1
~	lw4n88j12n1	0	2	1	0	1	0
~	1v888861256338ar0ekk	1	1	1	2	0	1

Passed all tests! ✓

Today, Monk went for a walk in a garden. There are many trees in the garden and each tree has an English alphabet on it. While Monk was walking, he noticed that all trees with vowels on it are not in good state. He decided to take care of them. So, he asked you to tell him the count of such trees in the garden.

Note: The following letters are vowels: 'A', 'E', 'I', 'O', 'U', 'a', 'e', 'i', 'o' and 'u'.

Input:

The first line consists of an integer *T* denoting the number of test cases.

Each test case consists of only one string, each character of string denoting the alphabet (may be lowercase or uppercase) on a tree in the garden.

Output:

For each test case, print the count in a new line.

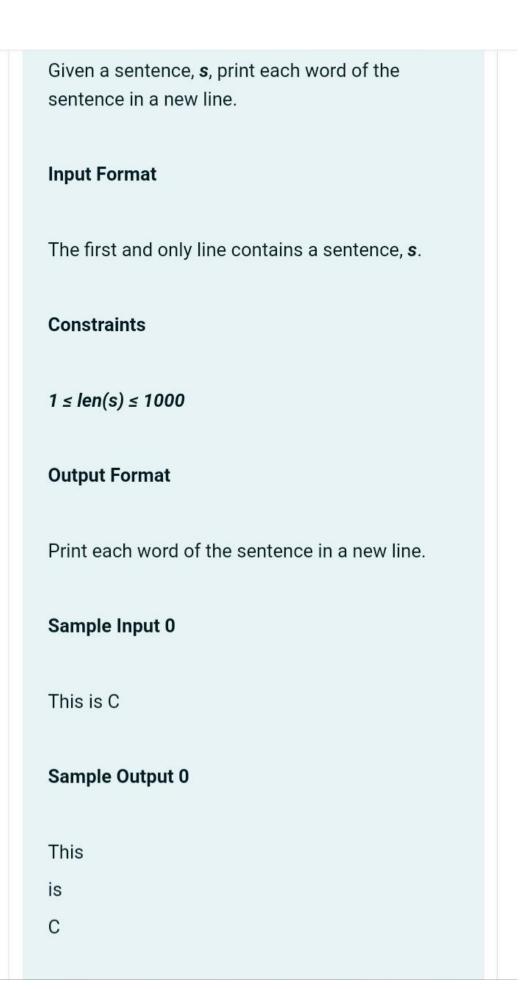
Constraints:

 $1 \le T \le 10$ $1 < length of string < 10^5$

```
#include<stdio.h>
 2
    int main()
 3 ▼ {
 4
        int t;
        scanf("%d",&t);
 5
        while(t--)
 6
 7 ₩
        {
             char str[100000];
 8
 9
             int count=0;
             scanf("%s",str);
10
             for(int i=0;str[i]!='\0
11
12 ▼
             {
                 char c= str[i];
13
                 if((c=='a')||(c=='e
14
                 count++;
15
16
             printf("%d\n",count);
17
18
        return 0;
19
20
    }
```

	Input	Expected	Got	
~	2 nBBZLaosnm JHkIsnZtTL	2	2	~
~	2 nBBZLaosnm JHkIsnZtTL	2	2	~

Passed all tests! 🗸



```
#include<stdio.h>
 2
    int main()
 3 ₩
    {
 4
        char s[1000];
 5
        scanf("%[^\n]s",s);
 6
        for(int i=0;s[i]!='\0';i++)
 7 ₩
        {
             if (s[i]!=' ')
 8
 9
             printf("%c",s[i]);
10
             else
             printf("\n");
11
12
13
        return 0;
14
    }
```

	Input	Expected	Got
~	This is C	This is C	This is C
~	Learning C is fun	Learning C is fun	Learni C is fun

Passed all tests! ✓