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Status	Finished
Started	Monday, 13 January 2025, 9:13 AM
Completed	Monday, 13 January 2025, 9:52 AM
Duration	39 mins 40 secs

Question **1**

Correct

Marked out of 1.00

Flag question

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 ≤ len(num) ≤ 1000

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

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:

The remaining digits ***0, 3, 8*** and ***9*** don't occur at all.

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    char str[1000];
    scanf("%s",str);
    int hash[10]={0,0,0,0,0,0,0,0,0,0};
    int temp;
    for(int i=0;str[i]!='\0';i++)
    {
        temp=str[i]-'0';
        if(temp<=9&&temp>=0)
        {
            hash [temp]++;
        }
    }
    for(int i=0;i<=9;i++)
    {
        printf("%d ",hash[i]);
    }
    return 0;
}
```

	Input	Expected	Got	
✓	211472o5t6	0 2 1 0 1 1 1 1 0 0	0 2 1 0 1 1 1 1 0 0	✓

```
14          }
15      }
16      for(int i=0;i<=9;i++)
17      {
18          printf("%d ",hash[i]);
19      }
20      return 0;
21  }
```

	Input	Expected	Got	
✓	a11472o5t6	0 2 1 0 1 1 1 1 0 0	0 2 1 0 1 1 1 1 0 0	✓
✓	lw4n88j12n1	0 2 1 0 1 0 0 0 2 0	0 2 1 0 1 0 0 0 2 0	✓
✓	1v888861256338ar0ekk	1 1 1 2 0 1 2 0 5 0	1 1 1 2 0 1 2 0 5 0	✓

Passed all tests! ✓

Question 2

Correct

Marked out of 1.00

Flag question

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'

Question 2

Correct

Marked out of 1.00

Flag question

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

$1 \leq T \leq 10$

$1 \leq$ *length of string* $\leq 10^3$

Constraints:

$1 \leq T \leq 10$

$1 \leq$ *length of string* $\leq 10^5$

SAMPLE INPUT

2

nBBZLaosnm

JHkIsnZtTL

SAMPLE OUTPUT

2

1

Explanation

In test case 1, a and o are the only vowels. So, count=2

1

Explanation

In test case 1, a and o are the only vowels. So, count=2

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int t;
    scanf("%d",&t);
    while(t--)
    {
        char str[100000];
        int count=0;
        scanf("%s",str);
        for(int i=0;str[i]!='\0';i++)
        {
            char c=str[i];
            if((c=='a')||(c=='e')||(c=='i')||(c=='o')||(c=='u')||(c=='A')||(c=='E')||(c=='I')||(c
            count++;
        }
        printf("%d\n",count);
    }
    return 0;
}
```

```
8           char str[100000];
9           int count=0;
10          scanf("%s",str);
11          for(int i=0;str[i]!='\0';i++)
12          {
13              char c=str[i];
14              if((c=='a')||(c=='e')||(c=='i')||(c=='o')||(c=='u')||(c=='A')||(c=='E')||(c=='I')||(c
15              count++;
16          }
17          printf("%d\n",count);
18      }
19      return 0;
20  }
```

	Input	Expected	Got	
✓	2 nBBZLaosnm JHkIsnZtTL	2 1	2 1	✓
✓	2 nBBZLaosnm JHkIsnZtTL	2 1	2 1	✓

Passed all tests! ✓

JHkIsnZtTL

Passed all tests! ✓

Question 3

Correct

Marked out of 1.00

Flag question

Given a sentence, ***s***, print each word of the sentence in a new line.

Input Format

The first and only line contains a sentence, ***s***.

Constraints

1 ≤ len(s) ≤ 1000

Output Format

Print each word of the sentence in a new line.

Sample Input 0

Sample Input 0

This is C

Sample Output 0

This

is

C

Explanation 0

In the given string, there are three words ["This", "is", "C"]. We have to print each of these words in a new line.

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main()
{
    char s[1000];
    scanf("%[^\n]s",s);
    for(int i=0;s[i]!='\0';i++)
    {
        if(s[i]!=' ')
        printf("%c",s[i]);
```

this is C

Sample Output 0

This

is

C

Explanation 0

In the given string, there are three words ["This", "is", "C"]. We have to print each of these words in a new line.

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    char s[1000];
    scanf("%[^\n]s",s);
    for(int i=0;s[i]!='\0';i++)
    {
        if(s[i]!=' ')
        printf("%c",s[i]);
        else
        printf("\n");
    }
    return 0;
```

This

is

C

Explanation 0

In the given string, there are three words ["This", "is", "C"]. We have to print each of these words in a new line.

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main()
{
    char s[1000];
    scanf("%[^\n]s",s);
    for(int i=0;s[i]!='\0';i++)
    {
        if(s[i]!=' ')
        printf("%c",s[i]);
        else
        printf("\n");
    }
    return 0;
}
```

```
12      }
13      return 0;
14  }
15
```

	Input	Expected	Got	
✓	This is C	This is C	This is C	✓
✓	Learning C is fun	Learning C is fun	Learning C is fun	✓

Passed all tests! ✓

Question 4

Input Format