









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 ${\it T}$ 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.

Outnut

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

REC-CIS

Constraints:

```
1 \le T \le 10

1 \le length of string \le 10^5
```

SAMPLE INPUT

2 nBBZLaosnm JHklsnZtTL

SAMPLE OUTPUT

2

Explanation

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

Answer: (penalty regime: 0 %)

NEC-CI3



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```
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.

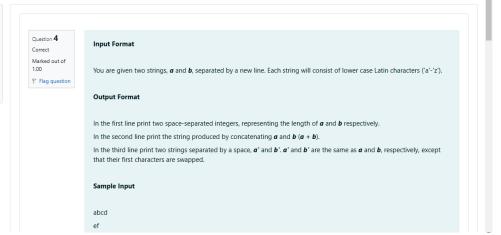
Answer: (penalty regime: 0 %)
```

```
Input Expected Got

✓ This is C This is is is C C C

✓ Learning C is fun Learning C C C C C Lis is fun fun Fun Space → Next page →
```





REC-CIS

```
## Sample Output

4 2

abcdef
ebcd af

Explanation

a = "abcd"
b = "ef"
|a| = 4
|b| = 2
a + b = "abcdef"
a' = "ebcd"
b' = "af"
```

