
Count Vowels

Input file: **standard input**
Output file: **standard output**
Time limit: 1 second
Memory limit: 256 megabytes

Given a string S . Print number of vowels in the string.

Note:

- Vowel letters: ['a', 'e', 'i', 'o', 'u'].
- Vowel letters could be capital or small.
- Solve this problem using recursion.

Input

Only one line containing a string S ($1 \leq |S| \leq 200$) where $|S|$ is the length of the string and it consists only of **capital** ,**small** letters and **spaces**.

Output

Print number of vowels in string S .

Example

standard input	standard output
Data Structure Lab	6