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## 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