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## Reading Level

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

A simple way of checking the reading level of a given piece of text is to determine the average length of the words in the text.

Write a program that will calculate the average length of the words for any given piece of text and give the answer rounded off to two decimal places. Only the 26 letters of the alphabet (upper and lower case) must be taken into consideration. The given text may include other punctuation marks which should **NOT** be considered part of the text.

### Input

Input consists of a single line containing a piece of text.

### Output

Output a single number giving the average length of words (rounded to 2 decimal places).

### Examples

<code>standard input</code>	<code>standard output</code>
<code>How now brown cow?</code>	<code>3.50</code>
<code>"Stay inside the house", she said.</code>	<code>4.17</code>