



SMS Analyzer

Problem Code: **SMSAN**



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Anil is a final year university student. He saw a beautiful girl Anarkali when he was walking to university Now he needs to find out whether she has a lover or not. He hacked into the mobile network and got access to her SMS history.

She may has boyfriend if message contain words(flagged_words).

love babe sweet life

You need to print Probability of she is having a lover P(A) in simplified fraction.

$$P(A) = \frac{\text{flagged_words}}{\text{total_words_in_a_sms}}$$

Input

Message from Anarkali's SMS history **M**

Output

Probability of she is having a lover P(A) in simplified fraction

Example

Input:
babe you're my life
Output:
1/2

Explanation

There are 4 words and 2 words are flagged. Then P(A) is 2/4. Simplified fraction is 1/2. Therefore we print 1/2 as the answer.

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Tags: [shalithasurang \(/tags/problems/shalithasurang\)](/tags/problems/shalithasurang)

Date Added: 15-03-2018

Time Limit: 1 secs

Source Limit: 50000 Bytes

Languages: C, CPP14, JAVA, PYTH, PYTH 3.5, PYPY, CS2, PAS fpc, PAS gpc, RUBY, PHP, GO, NODEJS, HASK, rust, SCALA, swift, D, PERL, FORT, WSPC, ADA, CAML, ICK, BF, ASM, CLPS, PRLG, ICON, SCM qobi, PIKE, ST, NICE, LUA, BASH, NEM, LISP sbcl, LISP clisp, SCM guile, JS, ERL, TCL, kotlin, PERL6, TEXT, SCM chicken, CLOJ, COB, FS

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