
Counting Vowels by Line

X43876_en

Write a program that finds in a text the first line that contains a specified number of vowels and starts with a lowercase letter.

Input

The input starts with a non-negative integer n in the first line, where it appears with no other information (but maybe with spaces). Then comes a text spanning an arbitrary number of lines, each consisting in an arbitrary number of words, each word made up of lowercase or uppercase letters or punctuation signs. The text is finished with the word "FINISH" in the last line, where it appears with no other information (but maybe with spaces).

Output

The output must be the first line in the text that starts with a lowercase letter and whose words, considered together, add up to exactly n vowels, if one such line exists. Otherwise, the output must report that "No such line with n vowels found.", where n must be the appropriate number.

Sample input 1

```
3
En un lugar de
La Mancha
de cuyo nombre no quiero
acordarme,
no ha mucho tiempo que vivía un hidalgo de los
de lanza
en astillero,
adarga
antigua, rocín flaco y galgo
corredor.
FINISH
```

Sample output 1

```
de lanza
```

Sample input 2

```
2
FINISH
```

Sample output 2

```
No such line with 2 vowels found.
```

Sample input 3

```
0
Hohoho
A hppy smrf ywns
Smurfs mk chldrn hppy
smUrf5 mk chldrn vry hppy
chldrn mk smrfs vry vry hppy
STRMPF
chldrn lv smUrf5
FINISH
```

Sample output 3

```
chldrn mk smrfs vry vry hppy
```

Sample input 4

```
5
And the winner...
And the winner is...
And the winner will be...
FINISH
```

Sample output 4

```
No such line with 5 vowels found.
```

Problem information

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