
Word count

X64717_en

Each punctuation mark, blank character and line break of a text has been replaced by character #, and the result has been dumped into a sequence of characters. Write a program that given this sequence counts the number of words in the text not having any letter 'a'.

Exam score: 3.5 **Automatic part:** 40%

Input

The input is a series of cases. Each case consists of a sequence of lowercase letters and # characters that ends with the \$ mark.

Output

For each case a line with the number of words (composed exclusively of letters) in the sequence that do not have any letter 'a'.

Sample input 1

```
in#this#chapter$
we#shall#present#the#results$
```

Sample output 1

```
2
4
```

Sample input 2

```
stefan#zweig$
el#mon#d#ahir##memories#d#un#europeu$
traduccio#de###joan#fontcuberta$
```

Sample output 2

```
1
7
1
```

Sample input 3

```
no#solo##vals$
tambien#las##abejas#bailan#en#viena##$
####doscientos#millones###de#estos#insectos$
viven#en#la###ciudad#$
#cuyas#instituciones##impulsan#$
toda#una#industria$
turistico#alimentaria$
$
#$
escrito#por##use#lahoz$
```

Sample output 3

```
2
1
5
2
1
0
1
0
0
3
```

Observation

Do not use strings in the program.

Problem information

Author : Pro1

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