

## 3418 - Vowels

## Description

A text composed by letters of the English alphabet, digits, and characters from `[' , ' . ' : ' ; ' ( ' ) ' [ ' ] ' < ' > ' = ' - ' ? ' ! ' ^ ' " ' ' ' ' | ' ]` is given. This text could have several white-spaces and blank-lines, but you can safely assume that it is composed by at most 50 lines and at most 10000 characters. Also you can assume that text is composed by at most 1000 words, and no word has more than 50 characters.

Your task is simple, you only have to count the amount of vowels in the text.

## Input specification

A text respecting above restrictions.

## Output specification

You must print a line with exactly five space-separated integer numbers representing the amount of vowels in the text; one number per vowel from 'a' to 'u'.

## Sample input

"A text composed by letters, numbers, and ASCII characters in general is given. This text could have several white-spaces and blank-lines, but you can safely assume that it is composed by at most 50 lines and at most 10000 characters. Also you can assume that text is composed by at most 1000 words, and no word have more than 50 characters."

## Sample output

30 27 12 17 7

Hint(s)

The counting is not case-sensitive.

### Source

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