CMPUT 274/5 - Tangible Computing **Fall 2019**
Morning Problem: Count Vowels

Description

Little Johnny has trouble pronouncing sentences that contain too many vowels. For example, he finds sentences like:

```
An iguana eats quinoa.
```

which contains 11 vowels, to be very difficult to pronounce.

In fact, Johnny has trouble pronouncing any sentence with more than a few vowels, and he wants to avoid difficult sentences like this. Unfortunately, he is not very good at counting vowels.

Write a program that will help Johnny by counting the number of vowels contained in a string. For the purposes of this problem, a vowel is one of 'a', 'e', 'i', 'o', or 'u' in either upper or lowercase. The letter 'y' is never considered a vowel in this exercise.

Input

A single line containing at most 10,000 characters.

Output

A single integer indicating the number of vowels on the line.

Sample Input 1

```
An iguana eats quinoa.
```

Sample Output 1

```
11
```

Explanation: This is the example from above. Note that the uppercase letter 'A' counts as a vowel!

Sample Input 2

```
The quick brown fox jumps over the lazy dog.
```

Sample Output 2

```
11
```

Explanation: The letter y is not included, so there are 11 vowels total.

Sample Input 3

```
The sky is clear; the stars are twinkling.
```

Sample Output 3

```
10
```