CMPUT 274/5 - Tangible Computing **Fall 2018**
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 program, a vowel is one of a, e, i, o, or u in either upper or lowercase.

Input A string of characters, which may contain letters, digits, or punctuation.

Output A single integer, the number of vowels in the string.

Sample Input 1

```
An iguana eats quinoa.
```

Sample Output 1

```
11
```

Explanation: This is the example from above, which contains 6 vowels. Note that the capital 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
```