

Program Name: vowel.java**Input File: vowel.in**

Write a program that can determine if a given word begins with a vowel or a consonant.

Input

The first line of input will contain a single integer, n , indicating the number of words to process. The following n lines each contain a single word which should be processed separately.

Output

For each word in the input, print the following message, “The word '<word>' begins with a <letter- type>.” In place of <word>, print the input word. In place of <letter- type> print “vowel” if the word begins with one of the 10 characters AEIOUaeiou, otherwise print “consonant”.

Example Input File

```
7
Give
Me
A
Vowel
or
a
consonant
```

Example Output To Screen

```
The word 'Give' begins with a consonant.
The word 'Me' begins with a consonant.
The word 'A' begins with a vowel.
The word 'Vowel' begins with a consonant.
The word 'or' begins with a vowel.
The word 'a' begins with a vowel.
The word 'consonant' begins with a consonant.
```