

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.
```