2. Duplicate Vowels

Program Name: Duplicates.java   Input File: duplicates.dat

There are many words that contain all of the vowels, A, E, I, O, and U. There are also many words that contain all of the vowels and the vowels appear in alphabetical order when duplicate vowels are ignored.

For example, S**A**CRIL**E**GIOU**S** is a word that contains all five vowels in alphabetical order when the vowel I that appears after the R is ignored.

You are to write a program that will determine if a given word contains all five vowels and the vowels appear in alphabetical order, ignoring any duplicates as described above as necessary.

Input
The first line of input will contain a single integer n that indicates the number of words to follow. Each of the next n lines will contain a single word in all caps.

Output
For each word, you will print YES if all five vowels appear in alphabetical order according to the criteria above or NO if they do not.

Example Input File
```
3
SACRILEGIOUS
AUTOMOBILE
AUTOECIOUSLY
```

Example Output to Screen
```
YES
NO
YES
```