



VSU COPP

D - 'Mode of Vowels'

Problem description

You are provided with a string of characters and spaces; your task is to find the mode of all the vowels in the string or simply the vowel(s) that is/are most occurring in the string.

Input

The first line of input contains an integer N , which is the number of test cases or strings that would be entered.

The next N lines will each contain a string S , all are unique and consisting of only lowercase letters.

Output

You will print N line-separated strings as the mode of vowels and can only have the following characters: a, e, i, o, u, or blank if there are no vowels.

In the case of an input string having multiple modes, print the modes in alphabetical order.

Constraints

- $1 \leq N \leq 100$
- $1 \leq S.length \leq 10^9$

Sample input/output

Sample input and output for this problem:

Input	Output
5 goodluckandhavefun whatifthereisnorightsolution uwaninvsu loremipsumsomethingiforgot lastexampletestcasefinally	a o u i u o a e

3 everythingisamangoouu bcdfghjklmnpqrstvwxyz aeiou	aeiou aeiou
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