

String Subsequence Game

Given a string return all possible subsequences which start with vowel and end with consonant. A String is a subsequence of a given String, that is generated by deleting some character of a given string without changing its order.

Examples:

Input : 'abc'

Output : ab, ac, abc

Input : 'aab'

Output : ab, aab

Input:

First line consists of T test cases. Only line of every test case consists of String S.

Output:

Single line output, print all the subsequences in lexicographically sorted, if no subsequence found then print -1.

Constraints:

$1 \leq T \leq 100$

$1 \leq |\text{String length}| \leq 100$

Example:

Input:

2

xabcef

abc

Output:

ab abc abcef abcf abef abf ac acef acf aef af ef

ab abc ac