

Problem

Akshay's crush's name starts with a vowel. That's the reason Akshay loves vowels too much. He calls a string "lovely string" if it contains either all the lowercase vowels or all the uppercase vowels or both, else he calls that string "ugly string".

For more clarification, see the sample testcase explanation.

Input

First line contains T, the number of test cases.

Next T lines contain a single string S.

Output

For each test case, print "lovely string" or "ugly string" (without quotes) according to the definition of Akshay.

Constraints

string contains only lowercase and uppercase Latin letters.

Sample Input	Sample Output
3	
dRygYm	ugly string
ConsanguIneOus	lovely string
trichotillomania	lovely string

ALL THE BEST