Love Letter

Lili is a gorgeous girl and very kind to people. Everybody likes her and some people try to get her attention. She knows every person that loves her.

One day, she got a love letter from one of her lover. The letter only has 1 sentence. She hopes that the letter she get is from Bibi. She knows Bibi's way to write a letter will always contain the word "L0V3". Help her to determine if the love letter is from Bibi.

Format Input

The input will consists of multiple test cases.
The first line of the input contains an integer T the number of test cases.
For every cases it will contain a sentence consist of capital letter or number or space.

Format Output

For every test cases output "Case #X: Y" where X is the number of the test case and Y is the result.
If it's from Bibi output "Bibi <3" else output "Not Bibi".

Constraints

1 <= T <= 100
Length of sentence doesn't exceed 100 and has at least 1 character

Sample Input 1	Sample Output 1
1 1 L0V3 Y0U	Case #1: Bibi <3

Sample Input 2	Sample Output 2
3 I LOVE YOU DO YOU L0V3 ME BECAUSE I DO	Case #1: Not Bibi Case #2: Bibi <3 Case #3: Not Bibi

Sample Input 3	Sample Output 3
3 L0V3 LOV3 L0VE	Case #1: Bibi <3 Case #2: Not Bibi Case #3: Not Bibi

Note

The words do not need to be separated by a space character to be valid.
Example: "1L0V3Y0U" should output "Bibi <3"