Caught in the Middle

Input file:	standard input
Output file:	standard output
Time limit:	1 second
Memory limit:	1024 megabytes

Given a string s of length n containing only the characters L and R. Alice and Bob are planning to play a game using the string.

Alice and Bob will take turns operating on string s, with Alice going first.

In each operation, assuming the current remaining string is s. If s is an empty string, then the operator loses the game. Otherwise, the operator can choose an integer i from $1, 2, \cdots, |s|$. If $s_i = $ L, then the remaining string after the operation is $s_1 s_2 \cdots s_{i-1}$; if $s_i = $ R, then the remaining string after the operation is $s_{i+1} s_{i+2} \cdots s_{|s|}$.

Both are extremely intelligent, so they will always adopt the best strategy. And you, an ordinary onlooker participating in ~~PKUWC~~ Universal Cup, want to know the winner of this game.

Input

There are multiple test cases in a single test file.

The first line of the input contains a single integer T, indicating the number of test cases. For each test case:

The first line of the input contains a single integer n ($1 \le n \le 10^6$).

The second line of the input contains a string s of length n that only contains L and R, representing the initial string of the game.

It is guaranteed that the sum of n over all test cases does not exceed 10^6.

Output

For each test case, output a single line `Alice` or `Bob`, indicating the winner of the game.

Example

standard input	standard output
3	Alice
5	Bob
LRLLR	Alice
6	
RLRLRL	
1	
L	