Problem J : The Turn Game

time limit per test: 1 second
memory limit per test: 256 megabytes
input: standard input
output: standard output

Monkey D. Luffy and Roronoa Zoro are engaged in a strategic number swapping game. The game involves two numbers, A and B, each of length n. In each turn, the players will perform actions based on the values of digits of the numbers denoted by a_i and b_i ($1 \leq i \leq n$).
The rules of the game are:

- Game starts at turn 1 from the left digits of A and B.
- in the i-th turn, if $a_i > b_i$, the current player keeps playing the next turn.
- in the i-th turn, if $a_i < b_i$, the current player loses his turn and the other player plays the next turn.
- in the i-th turn, if $a_i = b_i$, the current player has two choices. Either he keeps playing the next turn or lets the other player play the next turn.
- The game ends in the $(n+1)$-th turn. The winner is the player who has the turn in the $(n+1)$-th turn.

Given A and B, your task is determine the winner of the game if Luffy begins playing in the first turn and both players play optimally.

Input:
The first line of input contains a single integer n ($1 \leq n \leq 4 \times 10^6$), the number of digits of A and B.

The second line of input contains a single integer A.

The second line of input contains a single integer B.

Output:
Print a single line containing "**Luffy**" if Luffy wins or "**Zoro**" if Zoro wins.

Note:
input:

```
3
234
155
```

output:

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Luffy
```

input:

```
4
2394
1595
```

output:

```
Zoro
```

Explanation:
First example:
In the first turn, 2 > 1 so Luffy keeps playing. In the second turn, 3 < 5 so Luffy loses his turn. In the third turn, 4 < 5 so Zoro also loses his turn. In the fourth turn, the game ends with Luffy having this turn, so Luffy wins.

Second example:
In the first turn, 2 > 1 so Luffy keeps playing. In the second turn, 3 < 5 so Luffy loses his turn. In the third turn, Zoro choses to let Luffy play the next turn. In the fourth turn, 4 < 5 so Luffy loses his turn. In the fifth turn, the game ends with Zoro having this turn, so Zoro wins.