LCC '21 Contest 2 J2 - 1D Tic-Tac-Toe

Time Limit: 2.0s **Memory Limit:** 64M

Oscar and Xyla find tic-tac-toe to be a bit too challenging, so they've invented a new game: 1D tic-tac-toe.

Unlike regular tic-tac-toe which is played on a 3×3 grid, 1D tic-tac-toe is played on a $1 \times N$ sized board. For Oscar to win, he needs to place three Os in a row. For Xyla to win, she needs to place three Xs in a row.

After completing their game of 1D tic-tac-toe, they would like to figure out who won. Output `Oscar Wins` if the board contains three Os in a row. Output `Xyla Wins` if the board contains three Xs in a row. In the case where neither or both players win, output `Indeterminate`.

Input Specification

The first line contains an integer representing the size of the board, N $(0 \leq N \leq 10^5)$.

The next line contains a string of length N which represents the game board.

Output Specification

Output a single string: `Oscar Wins` if Oscar wins, `Xyla Wins` if Xyla wins, and `Indeterminate` if both/neither win. Make sure your capitalization is correct!

Sample Input 1

```
10
XOXXOOOOXX
```

Sample Output 1

```
Oscar Wins
```

Sample Input 2

```
6
XXXOOO
```

Sample Output 2

```
Indeterminate
```