Baby Game

sahuang

1 Problem Statement

Fall Guys: Ultimate Knockout Power Trip Level

I just released a new Fall Guys level based on *Power Trip*! It is a 1v1 game taking place on an nxn grid. Two smart players, *Caring Koala* and *Red Panda* are battling and I want to know who will win in advance.

The players take turns moving, with *Caring Koala* going first. The rules are as follows:

1. Players start at different positions on the grid.

2. In each round, one player makes a move. They can move exactly **one** square in one of the four directions: up, down, left, or right. Moving out of the battleground is forbidden.

3. A player wins the game by moving their character to the square occupied by the opponent's character.

4. Both players are highly skilled: when they can win, they will win as soon as possible. When they can only lose, they will try to delay their loss as long as possible.

Your task is to determine who will win the game, given n and their initial positions.

2 Input

The first line of input contains an integer n ($2 \leq n \leq 300,000$), the battleground size.

The next line contains 4 space separated integers, $x1, y2, x2, y2$ ($1 \leq x_i, y_i \leq n$), where *Caring Koala* starts from $(x1, y1)$ and *Red Panda* from $(x2, y2)$. They are guaranteed to be different.

3 Output

Output is simply the winner name, i.e. *Caring Koala* or *Red Panda*. Remember it is case-sensitive.

4 Sample

Sample Input	Sample Output
`2` `1 2 2 1`	`Red Panda`