# **Game of Squares**

Changu and Mangu are playing a game. They are given a number n. They make moves in turn, Changu playing first. Each move consists of subtracting a perfect square(not less than 1) from the number, the player who faces 0 loses. You are given a number n, you have to find out whether Changu can win the game, if both Changu and Mangu play optimally.

# Input

The first line contains T (not more than 10<sup>5</sup>), the number of test cases. The next T lines contain a number n (not more than 10<sup>6</sup>).

# **Output**

For each test case output "Win" if Changu can win the game, if he plays optimally or else print "Lose"

## **Example**

### Input:

3

1

2

#### **Output:**

Win

Lose

Win