**Jolly Jumpers**

**Time limit: 2 sec**

A sequence of n > 0 integers is called a jolly jumper if the absolute values of the difference between successive elements take on exactly all the values between 1 and n-1.

For instance, 1 4 2 3 is a jolly jumper, because the absolutes differences are 3, 2, and 1 respectively. The definition implies that any sequence of a single integer is a jolly jumper. You are to write a program to determine whether or not each of a number of sequences is a jolly jumper.

**Input**

The input consists of M cases. The first line of the input contains only one positive integer M indicating the number of test cases.

Each line of input contains an integer n <= 3000 followed by n integers representing the sequence.

All the numbers are 32-bits integers.

**Output**

For each line of input, generate a line of output saying "Jolly" or "Not jolly".

**Sample Input**

3

4 1 4 2 3  
5 1 4 2 -1 6

3 5 7 6

**Sample Output**

Jolly  
Not jolly  
Jolly