Problem C: Jolly Jumpers

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

Each line of input contains an integer $n < 3000$ followed by n integers representing the sequence. For each line of input, generate a line of output saying "Jolly" or "Not jolly".

Sample Input

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

Output for Sample Input

```
Jolly
Not jolly
```