You are given an integer, *N*. Write a program to determine if *N* is an element of the *Fibonacci Sequence*.

The first few elements of fibonacci sequence are 0,1,1,2,3,5,8,13.... A fibonacci sequence is one where every element is a sum of the previous two elements in the sequence. The first two elements are 0 and 1.

Formally:

*fib0 = 0*   
*fib1 = 1*   
*fibn = fibn-1 + fibn-2* ∀ *n* > 1

**Input Format**   
The first line contains *T*, number of test cases.   
*T* lines follows. Each line contains an integer *N*.

**Output Format**   
Display IsFibo if *N* is a fibonacci number and IsNotFibo if it is not a fibonacci number. The output for each test case should be displayed on a new line.

**Constraints**   
1 <= *T* <= 105   
1 <= *N* <= 1010

**Sample Input**

3

5

7

8

**Sample Output**

IsFibo

IsNotFibo

IsFibo

**Explanation**   
5 is a Fibonacci number given by *fib5* = 3 + 2   
7 is not a Fibonacci number   
8 is a Fibonacci number given by *fib6* = 5 + 3