

## Enough, Okay, Perfect

Jojo and Lili want to play with a number.  
Jojo: "what should we do to this number 2?"  
Lili: "Let's multiply it by 2! 2 is enough."  
Jojo: "I think 4 is okay."  
Lili: "No we should add 1 to it!"  
Jojo: "Yeah! 5 is perfect"

You are given a number N with a value of 1 and then you must do Q process to the number.  
Each process you should multiply the number by 2 and then add 1 to it.  
Given Q process what is the value of N after Q processes.

### Format Input

The input consists of one line containing an integer Q the number of processes.

### Format Output

Output the value of N after Q processes.

### Constraints

$0 \leq Q \leq 30$

Sample Input 1	Sample Output 1
0	1

Sample Input 2	Sample Output 2
1	3