# Problem 3. Fibonacci number

## Problem Statement

Write a program that gets an integer $n$ then returns the $n-$th Fibonacci number $F(n)$.
0th and 1st fibonacci numbers are $F(0) = 0, F(1) = 1$ respectively.

## Input Statement

First line gives $t(\leq 1000)$ which is the number of test cases. Each 2nd ... $t+1$-th line includes a non-negative integer $n \leq 2^{31} - 1$.

## Output Statement

For each test case, prints out $F(n)$ mod 20170317
Each test case should be separated by a line.

## Input Example

3
1
2
3

## Output Example

1
1
2