



1176



Description
Full Screen
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uDebug

BEGINNER

SOLVED



Rank: 6880°
Run: 4969226
Time: 0.060

MY SOLUTION

BOOK SUGGESTION

URI Online Judge | 1176

Fibonacci Array

Adapted by Neilor Tonin, URI Brazil

Timelimit: 1

Write a program that reads a number and print the Fibonacci number corresponding to this read number. Remember that the first elements of the Fibonacci series are 0 and 1 and each next term is the sum of the two preceding it. All the Fibonacci numbers calculated in this program must fit in a unsigned 64 bits number.

Input

The first line of the input contains a single integer **T**, indicating the number of test cases. Each test case contains a single integer **N** ($0 \leq N \leq 60$), corresponding to the N-th term of the Fibonacci series.

Output

For each test case in the input, print the message "Fib(N) = X", where X is the N-th term of the Fibonacci series.

Input Sample

3
0
4
2

Output Sample

Fib(0) = 0
Fib(4) = 3
Fib(2) = 1

Thanks to Cassio F.