Level 9223372036854775807

1 second, 64 megabytes

You are stuck in a backroom. You want to climb a staircase with **n** steps. You can either take one step to the next stair or skip one and take two steps. Find the number of possible ways to go up the stairs.

input: n; 1<n<1e18

output: only one value all possible way to go up a stair modded by 1e9+7

Input	Output
1234	830316712
999999999999999999	680057396

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