Yandex (Hello Muscat Programming bootcamp 2019 by Moscow Workshops ICPC

Logout

Day 1 Div C. Dynamic Programming

9 Mar 2019, 20:45:03 start: 9 Mar 2019, 17:00:00 finish: 9 Mar 2019, 21:00:00

till the end: 00:14:48

start: 9 Mar 2019, 17:00:00 end: 9 Mar 2019, 21:00:00

duration: 04:00:00

A. Zeroes and ones

Time limit	1 second
Memory limit	64Mb
Input	standard input or zo.in
Output	standard output or zo.out

Find a number of sequences of length N consisting of zeroes and ones, such that there are no neighbouring ones.

Input format

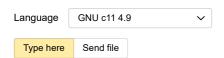
The only string of the input contains the only integer N ($1 \leqslant N \leqslant 40$).

Output format

Print one number — needed number of sequences.

Sample

Input	Output
3	5



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