A function that counts a Fibonacci number (recursive)

Cost: 5 | Solved: 99

Memory limit: 256 MBs

Time limit: 1 s

Input: input.txt

Output: output.txt

Task:

You are given a natural number ***n*** **–** an index of a Fibonacci number. Write a recursive function that will count a Fibonacci number according to its index.

Fibonacci numbers are the elements of such a sequence where the first and the second numbers are 0 and 1 and the next ones are a sum of the previous two.

Input:

Contains a natural ***n*** (***n*** ≤ 46) **–** an index of a Fibonacci number.

Output:

A Fibonacci number corresponding to an index ***n***.

Example:

Input	Output
4	2
6	5

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