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1. Lucas is also known for his study in Fibonacci numbers and the test for Mersenne primes. He also invented the Tower of Hanoi puzzle.

The numbers of the successive ratios of both Lucas numbers and the time are relatively similar to each other. They converge to the Golden ratio of 1.618033988… The order of growth of my algorithm is O(2^n), because the recursive called itself twice.

I changed the initial conditions to my birthday, and I have about the same successive ratios of both Lucas numbers and the time. The order of growth is also the same O(2^n).

1. The interesting thing I found about the greatest combination counts’ sum, which is 66, is that it is double the “magic number” of the Subirachs Square, which is 33.