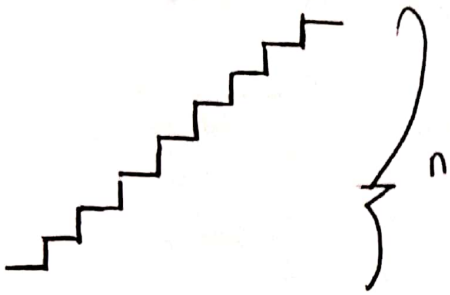
Leetcode

70. CLIMBING STAIRS



At one time
either
1 step or 2 steps

Possibility Table

← 1	2 → # of 2 steps
n	0
n-2	1
n-4	2
⋮	⋮
1 or 0	n/2 - 1 or n/2

n

→ 1 1 1

ex

7 steps

P

1	2
7	0
5	1
3	2
1	3

→ 1111111

→ 11112 PERMUTE $\frac{6!}{5!\,1!}$

→ 1122

→ 2221 $\frac{4!}{3!\,1!}$

e.g.

PERMUTE

permutation with repetition