# Climbing Stairs (Level = Easy)

You are given N stairs and at a time you can either climb 1 step or 2 steps. In how many distinct ways can you climb the N stairs.

Examples

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| **No.** | **Input** | **Output** |
| 1 | 3 | 3 *Explanation : There are 3 ways to climb 3 steps 1) 1 step + 1 step + 1 step 2) 1 step + 2 step 3) 2 step + 1 step* |
| 2 | 4 | 5 *Explanation : There are 5 ways to climb 4 steps 1) 1 step + 1 step + 1 step + 1 step 2) 1 step + 1 step + 2 step*  *3) 1 step + 2 step + 1 step*  4) 2 step + 1 step + 1 step  5) 2 step + 2 step |