70. Climbing Stairs

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You are climbing a stair case. It takes *n* steps to reach to the top.

Each time you can either climb 1 or 2 steps. In how many distinct ways can you climb to the top?

Note: Given *n* will be a positive integer.

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```python
class Solution(object):
    def climbStairs(self, n):
        """
        :type n: int
        :rtype: int
        """

        if n<=1:
            return 1
        else:
            i=0
            n1=1
            n2=1
            while i<n-1:
                temp=n1+n2
                n1=n2
                n2=temp
                i=i+1
            return n2
```

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