LBP28

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.

Input Format

a number from the user

Constraints

no

Output Format

number of ways

Sample Input 0

```
1
```

Sample Output 0

```
1
```

Sample Input 1

```
2
```

Sample Output 1

```
2
```