

Input: n = 4Output: 3

Constraints:

Accepted 671,034

```
Input: n = 3
 Output: 2
 Explanation: F(3) = F(2) + F(1) = 1 + 1 = 2.
Example 3:
 Explanation: F(4) = F(3) + F(2) = 2 + 1 = 3.
  • 0 <= n <= 30
                    Submissions 985,927
                                                                       ➢ Pick One
≡ Problems
                                                                                        < Prev
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```

```
i Java
                                                               i {} 5 ⊙ □
                Autocomplete
        class Solution {
  1
  2
  3
             private int fib(int n, int[] array){
  4
                if(n <= 1)
  5
                     return n;
  6
                 else if(array[n] != -1)
  7
                     return array[n];
  8
                 else{
                     array[n] = fib(n - 1, array) + fib(n - 2, array);
  9
                     return array[n];
 10
 11
 12
 13
            public int fib(int n) {
 14
                 int[] arr = new int[n + 1];
 15
 16
 17
                 for(int i = 0; i <= n; i++)</pre>
 18
                     arr[i] = -1;
 19
 20
                 return fib(n, arr);
 21
            }
 22
Testcase Run Code Result Debugger 🔓
 Accepted Runtime: 0 ms
                                                                                ?
             2
 Your input
             1
                                                                              Diff
 Output
 Expected
                                                         ▶ Run Code ^
 Console ▲ Use Example Testcases ? →
                                                                         Submit
```

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