Prompt   Scratchpad   Our Solution(s)   Video Explanation   Run Code

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

Solution 1   Solution 2   Solution 3

```swift
// Copyright © 2020 AlgoExpert, LLC. All rights reserved.

class Program {
    // O(n) time | O(n) space
    func getNthFib(n: Int) -> Int {
        var memoize = [1: 0, 2: 1]
        return helper(n: n, memoize: &memoize)
    }

    func helper(n: Int, memoize: inout [Int: Int]) -> Int {
        if memoize.keys.contains(n) {
            return memoize[n]!
        }
        memoize[n] = helper(n: n - 1, memoize: &memoize) + helper(n: n - 2, memoi
        return memoize[n]!
    }
}
```

```swift
class Program {
    func getNthFib(n: Int) -> Int {
        // Write your code here.
        return -1
    }
}
```

Prompt   Scratchpad   Our Solution(s)   Video Explanation   Run Code

Custom Output   Raw Output   Submit Code

```swift
class Program {
    func getNthFib(n: Int) -> Int {
        // Write your code here.
        return -1
    }
}
```

Run or submit code when you're ready.