Our Solution(s)   Run Code

Solution 1   Solution 2   Solution 3

```javascript
1  // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3  // O(n) time | O(n) space
4  function getNthFib(n, memoize = {1: 0, 2: 1}) {
5    if (n in memoize) {
6      return memoize[n];
7    } else {
8      memoize[n] = getNthFib(n - 1, memoize) + getNthFib(n - 2, memoize)
9      return memoize[n];
10   }
11 }
12
13 exports.getNthFib = getNthFib;
14
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

```javascript
1  function getNthFib(n) {
2    // Write your code here.
3  }
4
5  // Do not edit the line below.
6  exports.getNthFib = getNthFib;
7
```

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```javascript
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2
3  // O(n) time | O(n) space
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8      memoize[n] = getNthFib(n - 1, memoize) + getNthFib(n - 2, memoize)
```

Custom Output   Submit Code

Run or submit code when you're ready.