

Solution 1

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 package main
4
5 // O(nd) time | O(n) space
6 func NumberOfWaysToMakeChange(n int, denoms []int) int {
7     ways := make([]int, n+1)
8     ways[0] = 1
9     for _, denom := range denoms {
10         for amount := 1; amount < n+1; amount++ {
11             if denom <= amount {
12                 ways[amount] += ways[amount-denom]
13             }
14         }
15     }
16     return ways[n]
17 }
18
```

Solution 1 Solution 2 Solution 3

```
1 package main
2
3 func NumberOfWaysToMakeChange(n int, denoms []int) int {
4     // Write your code here.
5     return -1
6 }
7
```

Run or submit code when you're ready.