AlgoExpert

Solution 1

**Quad Layout** 

12px

Sublime

Monokai

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Our Solution(s)

```
Run Code
```

```
Your Solutions
```

```
Run Code
```

```
1 // Copyright @ 2020 AlgoExpert, LLC. All rights reserved.
    #include <vector>
    using namespace std;
    // O(nd) time | O(n) space
    int numberOfWaysToMakeChange(int n, vector<int> denoms) {
      vector<int> ways(n + 1, 0);
      ways[0] = 1;
      for (int denom : denoms) {
        for (int amount = 1; amount < n + 1; amount++) {</pre>
12
         if (denom <= amount) {</pre>
13
           ways[amount] += ways[amount - denom];
14
15
16
17
      return ways[n];
18 }
```

```
Solution 1 Solution 2 Solution 3
```

```
1 #include <vector>
   using namespace std;
4 int numberOfWaysToMakeChange(int n, vector<int> denoms) {
   // Write your code here.
     return -1;
```

Run or submit code when you're ready.