AlgoExpert

Solution 1

30 }

Quad Layout

C

12px

Your Solutions

Sublime

Monokai

00:00:

Run Code

Our Solution(s) Run

```
Run Code
```

```
_{\rm 1} // Copyright @ 2020 AlgoExpert, LLC. All rights reserved.
    using System;
    using System.Collections.Generic;
    public class Program {
      // O(n^2) time | O(n) space
      public static List<int[]> ThreeNumberSum(int[] array, int targetSum) {
       Array.Sort(array);
        List<int[]> triplets = new List<int[]>();
        for (int i = 0; i < array.Length - 2; i++) {</pre>
12
          int left = i + 1;
          int right = array.Length - 1;
13
          while (left < right) {</pre>
14
            int currentSum = array[i] + array[left] + array[right];
16
            if (currentSum == targetSum) {
17
              int[] newTriplet = {array[i], array[left], array[right]};
              triplets.Add(newTriplet);
18
              left++;
19
20
              right--;
            } else if (currentSum < targetSum) {</pre>
22
              left++:
            } else if (currentSum > targetSum) {
24
              right--;
25
26
27
28
        return triplets;
29
```

Solution 1 Solution 2 Solution 3

```
using System.Collections.Generic;

public class Program {
    public static List<int[]> ThreeNumberSum(int[] array, int targetSum) {
        // Write your code here.
        return null;
     }
}
```

Custom Output Raw Output Submit Code

Run or submit code when you're ready.