

Our Solution(s)

Run Code

Solution 1

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 package main
4
5 import "sort"
6
7 // O(n^2) time | O(n) space
8 func ThreeNumberSum(array []int, target int) [][]int {
9     sort.Ints(array)
10    triplets := [][]int{}
11    for i := 0; i < len(array)-2; i++ {
12        left, right := i+1, len(array)-1
13        for left < right {
14            currentSum := array[i] + array[left] + array[right]
15            if currentSum == target {
16                triplets = append(triplets, []int{array[i], array[left],
17                    array[right]})
18                left += 1
19                right -= 1
20            } else if currentSum < target {
21                left += 1
22            } else if currentSum > target {
23                right -= 1
24            }
25        }
26    }
27    return triplets
28 }
```

Your Solutions

Run Code

Solution 1   Solution 2   Solution 3

```
1 package main
2
3 func ThreeNumberSum(array []int, target int) [][]int {
4     // Write your code here.
5     return nil
6 }
7
```

Our Tests

Custom Output

Submit Code

```
18 report()
19
20 "github.com/robpike/reporting/report"
21 }
22
23 func (r *Reporting) TestName() string {
24     reported := []string{"", "A", "B", "C"}
25     return "TestName() [" + reported + "]"
26 }
27
28 func (r *Reporting) TestName() string {
29     reported := []string{"", "A", "B", "C"}
30     return "TestName() [" + reported + "]"
31 }
32
33 func (r *Reporting) TestName() string {
34     reported := []string{"", "A", "B", "C"}
35     return "TestName() [" + reported + "]"
36 }
37
38 func (r *Reporting) TestName() string {
39     reported := []string{"", "A", "B", "C"}
40     return "TestName() [" + reported + "]"
41 }
42
43 func (r *Reporting) TestName() string {
44     reported := []string{"", "A", "B", "C"}
45     return "TestName() [" + reported + "]"
46 }
```

Run or submit code when you're ready.