Our Solution(s)

Run Code

Solution 1

```go
// Copyright © 2020 AlgoExpert, LLC. All rights reserved.

package main

import "sort"

// O(n^2) time | O(n) space
func ThreeNumberSum(array []int, target int) [][]int {
  sort.Ints(array)
  triplets := [][]int{}
  for i := 0; i < len(array)-2; i++ {
    left, right := i+1, len(array)-1
    for left < right {
      currentSum := array[i] + array[left] + array[right]
      if currentSum == target {
        triplets = append(triplets, []int{array[i], array[left], array[right]})
        left += 1
        right -= 1
      } else if currentSum < target {
        left += 1
      } else if currentSum > target {
        right -= 1
      }
    }
  }
  return triplets
}
```

Your Solutions

Run Code

Solution 1   Solution 2   Solution 3

```go
package main

func ThreeNumberSum(array []int, target int) [][]int {
  // Write your code here.
  return nil
}
```

Custom Output   Raw Output   Submit Code

Run or submit code when you're ready.