

Our Solution(s)		Run Code	Your Solutions			Run Code
Solution 1			Solution 1	Solution 2	Solution 3	
<pre>1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved. 2 3 import java.util.*; 4 5 class Program { 6 // O(n^2) time O(n) space 7 public static List<Integer[]> threeNumberSum(int[] array, int targetSum) { 8 Arrays.sort(array); 9 List<Integer[]> triplets = new ArrayList<Integer[]>(); 10 for (int i = 0; i < array.length - 2; i++) { 11 int left = i + 1; 12 int right = array.length - 1; 13 while (left < right) { 14 int currentSum = array[i] + array[left] + array[right]; 15 if (currentSum == targetSum) { 16 Integer[] newTriplet = {array[i], array[left], array[right]}; 17 triplets.add(newTriplet); 18 left++; 19 right--; 20 } else if (currentSum < targetSum) { 21 left++; 22 } else if (currentSum > targetSum) { 23 right--; 24 } 25 } 26 } 27 return triplets; 28 } 29 } 30</pre>			<pre>1 import java.util.*; 2 3 class Program { 4 public static List<Integer[]> threeNumberSum(int[] array, int targetSum) { 5 // Write your code here. 6 return null; 7 } 8 } 9</pre>			
Our Tests			Custom Output			Submit Code

