

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

```
1 # Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 # O(n^2) time | O(n) space
4 def threeNumberSum(array, targetSum):
5     array.sort()
6     triplets = []
7     for i in range(len(array) - 2):
8         left = i + 1
9         right = len(array) - 1
10        while left < right:
11            currentSum = array[i] + array[left] + array[right]
12            if currentSum == targetSum:
13                triplets.append([array[i], array[left], array[right]])
14                left += 1
15                right -= 1
16            elif currentSum < targetSum:
17                left += 1
18            elif currentSum > targetSum:
19                right -= 1
20        return triplets
21
```

Solution 1Solution 2Solution 3

```
1 def threeNumberSum(array, targetSum):
2     # Write your code here.
3     pass
4
```

**Run or submit code when you're ready.**