

Our Solution(s)Run Code

Solution 1Solution 2Solution 3

```
1 # Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 # O(n) time | O(n) space
4 def twoNumberSum(array, targetSum):
5     nums = {}
6     for num in array:
7         potentialMatch = targetSum - num
8         if potentialMatch in nums:
9             return [potentialMatch, num]
10        else:
11            nums[num] = True
12    return []
13
```

Our Tests

```
1 def testTwoNumberSum():
2     # Test 1
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6     # Test 2
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10    # Test 3
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Your SolutionsRun Code

Solution 1Solution 2Solution 3

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

Custom OutputRaw OutputSubmit Code

Run or submit code when you're ready.