

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1Solution 2Solution 3

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

Solution 1Solution 2Solution 3

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

Our Tests

Custom Output

Submit Code

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

```
11 Run in Jupyter Notebook (Python 3)
12 expected = (20000, 5)
13 output = testRunnerTest(20000, 5, 50)
14 return TestCase.assertTupleEqual(output, expected)
15
16
17 Run in Jupyter Notebook (Python 3)
18 expected = (20000, 5)
19 output = testRunnerTest(20000, 5, 50, 5)
20 return TestCase.assertTupleEqual(output, expected)
21
22
23 Run in Jupyter Notebook (Python 3)
24 expected = (20000, 5, 5)
```

Run or submit code when you're ready.