Our Solution(s) | Run Code

Solution 1   Solution 2   Solution 3

```swift
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class Program {
    // O(n^2) time | O(1) space
    func twoNumberSum(array: [Int], targetSum: Int) -> [Int] {
        for i in 0 ..< array.count - 1 {
            let firstNumber = array[i]

            for j in i + 1 ..< array.count {
                let secondNumber = array[j]

                if firstNumber + secondNumber == targetSum {
                    return [firstNumber, secondNumber]
                }
            }
        }

        return []
    }
}
```

Your Solutions | Run Code

Solution 1   Solution 2   Solution 3

```swift
class Program {
    func twoNumberSum(array: [Int], targetSum: Int) -> [Int] {
        // Write your code here.
        return []
    }
}
```

Custom Output | Submit Code

```swift
class Program {
    func twoNumberSum(array: [Int], targetSum: Int) -> [Int] {
        // Write your code here.
        return []
```

Run or submit code when you're ready.