

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 package main
4
5 // O(n) time | O(n) space - where n is the total number of elements in the array
6 func SpiralTraverse(array [][]int) []int {
7     if len(array) == 0 {
8         return []int{}
9     }
10    result := []int{}
11    spiralFill(array, 0, len(array)-1, 0,
12        len(array[0])-1, &result)
13    return result
14 }
15
16 func spiralFill(array [][]int, startRow, endRow, startCol, endCol int, result *[]int) {
17     if startRow > endRow || startCol > endCol {
18         return
19     }
20
21     for col := startCol; col <= endCol; col++ {
22         *result = append(*result, array[startRow][col])
23     }
24
25     for row := startRow + 1; row <= endRow; row++ {
26         *result = append(*result, array[row][endCol])
27     }
28
29     for col := endCol - 1; col >= startCol; col-- {
30         if startRow == endRow {
31             break
32         }
33         *result = append(*result, array[endRow][col])
34     }
35
36     for row := endRow - 1; row >= startRow+1; row-- {
37         if startCol == endCol {
38             break
39         }
40         *result = append(*result, array[row][startCol])
41     }
42
43     spiralFill(array, startRow+1, endRow-1,
44         startCol+1, endCol-1, result)
45 }
46
```

Solution 1

Solution 2

Solution 3

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

Custom Output

Raw Output

Submit Code

Run or submit code when you're ready.