

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1	Solution 2	Solution 3
<pre>1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved. 2 3 class Program { 4     // O(n) time   O(n) space - where n is the total number of elements in the arr 5     func spiralTraverse(array: [[Int]]) -&gt; [Int] { 6         var result = [Int]() 7         spiralFill(array, 0, array.count - 1, 0, array[0].count - 1, &amp;result) 8         return result 9     } 10 11     func spiralFill(_ array: [[Int]], _ startRow: Int, _ endRow: Int, _ startCol: 12         if startRow &gt; endRow    startCol &gt; endCol { 13             return 14         } 15 16         for col in stride(from: startCol, through: endCol, by: 1) { 17             result.append(array[startRow][col]) 18         } 19 20         for row in stride(from: startRow + 1, through: endRow, by: 1) { 21             result.append(array[row][endCol]) 22         } 23 24         for col in stride(from: endCol - 1, through: startCol, by: -1) { 25             if startRow == endRow { 26                 break 27             } 28             result.append(array[endRow][col]) 29         } 30 31         for row in stride(from: endRow - 1, through: startRow + 1, by: -1) { 32             if startCol == endCol { 33                 break 34             } 35             result.append(array[row][startCol]) 36         } 37 38         spiralFill(array, startRow + 1, endRow - 1, 39             startCol + 1, endCol - 1, &amp;result) 40     } 41 } 42</pre>		<pre>1 class Program { 2     func spiralTraverse(array: [[Int]]) -&gt; [Int] { 3         // Write your code here. 4         return [] 5     } 6 } 7</pre>

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