

Our Solution(s)

Run Code

Solution 1

Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 // O(n) time | O(n) space - where n is the total number of elements
4 function spiralTraverse(array) {
5   const result = [];
6   spiralFill(array, 0, array.length - 1, 0, array[0].length - 1, result);
7   return result;
8 }
9
10 function spiralFill(array, startRow, endRow, startCol, endCol, result) {
11   if (startRow > endRow || startCol > endCol) return;
12
13   for (let col = startCol; col <= endCol; col++) {
14     result.push(array[startRow][col]);
15   }
16
17   for (let row = startRow + 1; row <= endRow; row++) {
18     result.push(array[row][endCol]);
19   }
20
21   for (let col = endCol - 1; col >= startCol; col--) {
22     if (startRow === endRow) break;
23     result.push(array[endRow][col]);
24   }
25
26   for (let row = endRow - 1; row >= startRow + 1; row--) {
27     if (startCol === endCol) break;
28     result.push(array[row][startCol]);
29   }
30
31   spiralFill(array, startRow + 1, endRow - 1, startCol + 1, endCol - 1, result);
32 }
33
```

Your Solutions

Run Code

Solution 1

Solution 2

Solution 3

```
1 function spiralTraverse(matrix) {
2   // Write your code here.
3 }
4
5 // Do not edit the line below.
6 exports.spiralTraverse = spiralTraverse;
7
```

