

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

```
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 ZigzagTraverse(array [][]int) []int {
7     if len(array) == 0 {
8         return []int{}
9     }
10
11     height := len(array) - 1
12     width := len(array[0]) - 1
13     result := []int{}
14     row := 0
15     col := 0
16     goingDown := true
17     for !isOutOfBounds(row, col, height, width) {
18         result = append(result, array[row][col])
19         if goingDown {
20             if col == 0 || row == height {
21                 goingDown = false
22                 if row == height {
23                     col++
24                 } else {
25                     row++
26                 }
27             } else {
28                 row++
29                 col--
30             }
31         } else {
32             if row == 0 || col == width {
33                 goingDown = true
```

Solution 1 Solution 2 Solution 3

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

Our Tests

Custom Output

Submit Code

