AlgoExpert | Quad Layout | Python | 14px | Sublime | Monokai | 00:00:0

Our Solution(s)

Run Code

Solution 1

```python
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# O(n) time | O(n) space - where n is the total number of elements in
def zigzagTraverse(array):
    height = len(array) - 1
    width = len(array[0]) - 1
    result = []
    row, col = 0, 0
    goingDown = True
    while not isOutOfBounds(row, col, height, width):
        result.append(array[row][col])
        if goingDown:
            if col == 0 or row == height:
                goingDown = False
                if row == height:
                    col += 1
                else:
                    row += 1
            else:
                row += 1
                col -= 1
        else:
            if row == 0 or col == width:
                goingDown = True
                if col == width:
                    row += 1
                else:
                    col += 1
            else:
                row -= 1
                col += 1
    return result
```

Your Solutions

Run Code

Solution 1 | Solution 2 | Solution 3

```python
def zigzagTraverse(array):
    # Write your code here.
    pass
```

Our Tests

Custom Output

Submit Code

```
        self.assertEqual(jumpGame.jumpgFrom(test), 2)

    def test_case_2(self):
        test = [3, 2, 1, 0, 4]
        self.assertEqual(jumpGame.jumpgFrom(test), 3, 2, 1, 0, 4
)

    def test_case_3(self):
        test = [2,3, 1, 1, 4]
        self.assertEqual(jumpGame.jumpgFrom(test), 2, 3, 1, 1, 4
)

    def test_case_4(self):
        test = [2, 0, 2, 0, 1, 1, 0, 0, 3]
        self.assertEqual(jumpGame.jumpgFrom(test), 2, 2, 2, 0, 4
)

    def test_case_5(self):
```

Run or submit code when you're ready.