BACK   Reverse On Diagonals   ⍏ 152,654   ⌄

DESCRIPTION   MY SOLUTIONS   LEADERBOARD   COMMENTS   README   CODEWRITING   SCORE: 300/300

The *longest diagonals* of a square matrix are defined as follows:

- the first *longest diagonal* goes from the top left corner to the bottom right one;
- the second *longest diagonal* goes from the top right corner to the bottom left one.

Given a square matrix, your task is to reverse the order of elements on both of its *longest diagonals*.

Example

For

```
matrix = [[1, 2, 3],
          [4, 5, 6],
          [7, 8, 9]]
```

the output should be

```
reverseOnDiagonals(matrix) = [[9, 2, 7],
                              [4, 5, 6],
                              [3, 8, 1]]
```

Input/Output

- **[execution time limit] 4 seconds (js)**

- **[input] array.array.integer matrix**

  Guaranteed constraints:

  `1 ≤ matrix.length ≤ 10` ,

  `matrix.length = matrix[i].length` ,

  `1 ≤ matrix[i][j] ≤ 1000` .

- **[output] array.array.integer**

  Matrix with the order of elements on its *longest diagonals* reversed.

[JavaScript (ES6)] Syntax Tips

```
// Prints help message to the console
// Returns a string
function helloWorld(name) {
    console.log("This prints to the console when you Run Tests");
    return "Hello, " + name;
}
```

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