Description | Solution | Discuss (999+) | Submissions

48. Rotate Image

Medium 3222 237 Add to List Share

You are given an *n* x *n* 2D matrix representing an image.

Rotate the image by 90 degrees (clockwise).

Note:

You have to rotate the image **in-place**, which means you have to modify the input 2D matrix directly. **DO NOT** allocate another 2D matrix and do the rotation.

Example 1:

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

rotate the input matrix in-place such that it becomes:
[
  [7,4,1],
  [8,5,2],
  [9,6,3]
]
```

Example 2:

```
Given input matrix =
[
```

Java | Autocomplete

```
class Solution {
    public void rotate(int[][] outPut) {
        int[][] tempTable = new int[outPut[0].length][outPut.length];

        for (int column = 0; column < outPut[0].length; column++) {
            for (int row = outPut.length - 1; row >= 0; row--) {
                tempTable[column][(outPut.length - 1) - row] =
outPut[row][column];
            }
        }
        outPut = tempTable;
    }
}
```

Testcase | Run Code Result | Debugger

Wrong Answer Runtime: 0 ms

Your input `[[1,2,3],[4,5,6],[7,8,9]]`

Output `[[1,2,3],[4,5,6],[7,8,9]]` Diff

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