Rotate Image

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Total Accepted: | Question | Solution
46241 Total
Submissions: **143485**   Difficulty: **Medium**

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

Rotate the image by 90 degrees (clockwise).

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Python ▼

```python
class Solution(object):
    def rotate(self, matrix):
        """
        :type matrix: List[List[int]]
        :rtype: void Do not return anything, modify matrix in-place instead.
        """
        #(i,j)--->>(j,m-1-i)--->>(m-1-i,m-1-j)--->>(m-1-j,i)--->>(i,j)
        N= len(matrix)-1
        for i in range((N+1)/2):
            for j in range(i,N-i):
                tmp = matrix[i][j]
                matrix[i][j] = matrix[N-j][i]
                matrix[N-j][i] = matrix[N-i][N-j]
                matrix[N-i][N-j] = matrix[j][N-i]
                matrix[j][N-i] = tmp;
```

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Custom Testcase ☑

[[1,2,3,4],[5,6,7,8],[9,10,11,12],[13,14,15,16]]

One line for one parameter.

Run Code   Submit Solution

Submission Result: Accepted (/submissions/detail/40071327/)

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(M) Majority Element II (/problems/majority-element-ii/)

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