

48. Rotate Image

Medium Topics Companies

You are given an $n \times n \times 2D$ matrix representing an image, rotate the image by **90** degrees (clockwise).

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 a

88

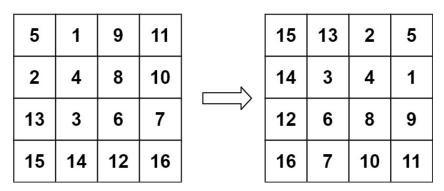
56

Example 1:

1	2	3	7	4	1
4	5	6	8	5	2
7	8	9	9	6	3

Input: matrix = [[1,2,3],[4,5,6],[7,8,9]]
Output: [[7,4,1],[8,5,2],[9,6,3]]

Example 2:



Input: matrix = [[5,1,9,11],[2,4,8,10],[13,3,6,7],[15,14,12,16]]
Output: [[15,13,2,5],[14,3,4,1],[12,6,8,9],[16,7,10,11]]

Constraints:

- n == matrix.length == matrix[i].length
- 1 <= n <= 20
- -1000 <= matrix[i][j] <= 1000

Seen this question in a real interview before? 1/4

Yes No

Accepted 1.6M Submissions 2.2M Acceptance Rate 73.7%

- Topics
- Companies
- Similar Questions
- Discussion (111)