Photographers Problem

ZPRAC-16-17-Lab8

[30]
Photographer's Problem

As you know to maintain his secret identity, Shaktimaan's alter-ego is a funny geek named Pandit Gangadhar Vidyadhar Mayadhar Omkarnath Shastri, who works as a photographer in a daily newspaper office. He is all fed up with his job as you know, he is Shaktimaan.
All of his digital photos got rotated clockwise by 90 degrees. He seeks your help in obtaining his original photos by rotating them back 90 degrees anticlockwise.

Given n and an image of size $n×n$ as an integer matrix of $n×n$, print the matrix after rotating it 90 degrees anticlockwise.
Example 1:
Input:
2
3 1
4 2
Output:
1 2
3 4

Example 2:
Input
3
7 4 1
8 5 2
9 6 3
Output:
1 2 3
4 5 6
7 8 9

Note: you have to solve the problem only using one matrix, you should not define another matrix and store rotated matrix in it. you should change the input matrix such that it stores the desired output. If you will use another matrix for solving the problem, you will get only half marks (15 marks).

Update: It is also not necessary to change the input 2-D array, you can just print the required

rotated array without explicitly saving it in a 2-D array. You will get full credits for this solution.