You are given an n x n 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. You can assume that the input matrix will always be a square matrix.

| **Sample Input** | **Sample Output** |
| --- | --- |
| **[**  **[1, 2, 3],**  **[4, 5, 6],**  **[7, 8, 9]**  **]** | **[**  **[7, 4, 1],**  **[8, 5, 2],**  **[9, 6, 3]**  **]** |
| **[**  **[ 5, 1, 9,11],**  **[ 2, 4, 8,10],**  **[13, 3, 6, 7],**  **[15,14,12,16]**  **]** | **[**  **[15,13, 2, 5],**  **[14, 3, 4, 1],**  **[12, 6, 8, 9],**  **[16, 7,10,11]**  **]** |

**Question:** You are given an n x n 2D matrix representing an image. Rotate the image by **90 degrees (counter-clockwise)**. You have to rotate the image in-place, which means you have to modify the input 2D matrix directly. You can assume that the input matrix will always be a square matrix.

| **Sample Input** | **Sample Output** |
| --- | --- |
| **[**  **[1, 2, 3],**  **[4, 5, 6],**  **[7, 8, 9]**  **]** | **[**  **[3, 6, 9],**  **[2, 5, 8],**  **[1, 4, 7]**  **]** |
| **[**  **[ 5, 1, 9, 11],**  **[ 2, 4, 8, 10],**  **[13, 3, 6, 7],**  **[15, 14, 12, 16]**  **]** | **[**  **[11, 10, 7, 16],**  **[ 9, 8, 6, 12],**  **[ 1, 4, 3, 14],**  **[ 5, 2, 13, 15]**  **]** |