

Rotate by 90 degree

Difficulty: Easy

Accuracy: 56.88%

Submissions: 109K+

Points: 2

Given a square matrix `mat[][]` of size `n x n`. The task is to rotate it by **90 degrees** in an **anti-clockwise** direction without using any extra space.

Examples:

Input: `mat[][] = [[1, 2, 3],`
 `[4, 5, 6]`
 `[7, 8, 9]]`

Output: Rotated Matrix:

`[3, 6, 9]`

`[2, 5, 8]`

`[1, 4, 7]`

Input: `mat[][] = [[1, 2],`
 `[3, 4]]`

Output: Rotated Matrix:

`[2, 4]`

`[1, 3]`

```
1 // } Driver Code Ends
32
33 class Solution {
34     static void rotateby90(int mat[][]){
35         for(int i=0;i<mat.length;i++)
36         {
37             int start=0, end=mat.length-1;
38             while(start<end)
39             {
40                 int temp=mat[i][start];
41                 mat[i][start]=mat[i][end];
42                 mat[i][end]=temp;
43                 start++;
44                 end--;
45             }
46         }
47         for(int i=0;i<mat.length-1;i++)
48         {
49             for(int j=i+1;j<mat.length;j++)
50             {
51                 int temp=mat[i][j];
52                 mat[i][j]=mat[j][i];
53                 mat[j][i]=temp;
54             }
55         }
56     }
57 }
```

