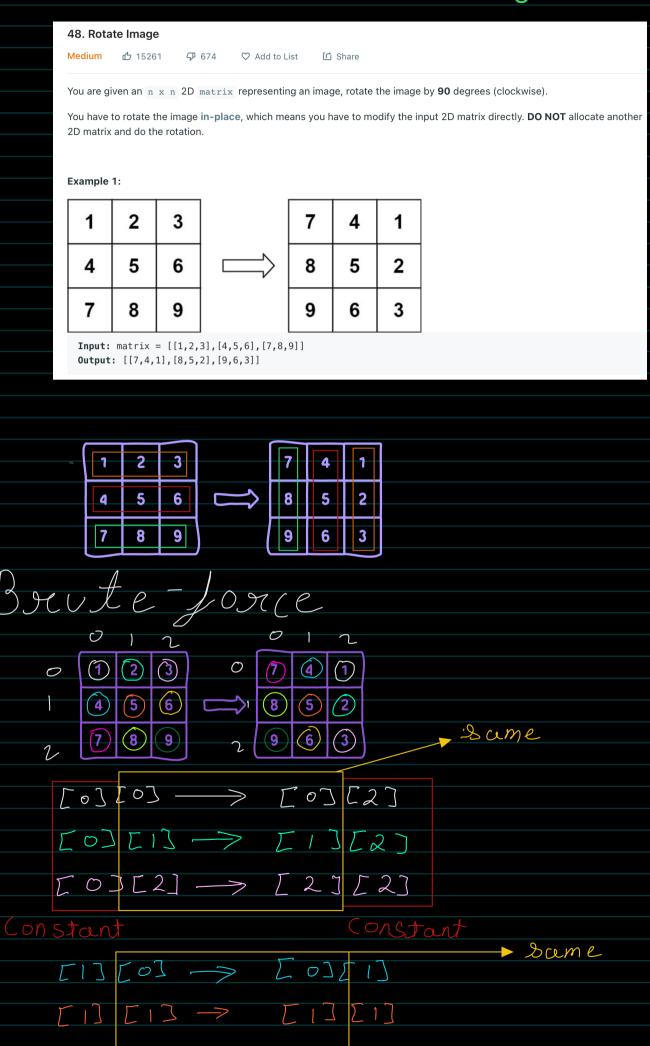
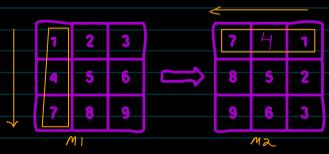
## Rote the matrix or rotate image



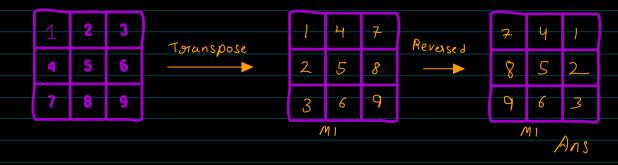
vector

$$\int C - O(n^2)$$

## Optimal solution



MI grow ist greversed in M2 column



## How to transpose? Don't use extra space meurs swap Constant Swap [1 [2][0] -> [0] [2] → [2] [1] so; will always start from 1 -7 n i will from 0 -> n-2 > Traversal motrix Ty we traverse till here use will swap it again

```
class Solution {
public:
    void rotate(vector<vector<int>>& matrix) {
        int n=matrix.size();
        for(int i=0;i<n-1;i++){
            for(int j=i+1;j<n;j++){
                swap(matrix[i][j],matrix[j][i]);
            }
        }
        for(int i=0;i<n;i++){
            reverse(matrix[i].begin(),matrix[i].end());
        }
    }
};</pre>
```