**Day 44/180 2D arrays Interview Problems**

1:[Transpose of Matrix:](https://practice.geeksforgeeks.org/problems/transpose-of-matrix-1587115621/1?utm_source=geeksforgeeks&utm_medium=ml_article_practice_tab&utm_campaign=article_practice_tab) ( Use lower triangle for Transpose)

2: Given a Matrix of size n\*m (n=rows and m= cols). Reverse each column of the matrix.

Example:

1 2 3 7 8 9

4 5 6 → 4 5 6

7 8 9 1 2 3

3: [Spiral Matrix:](https://leetcode.com/problems/spiral-matrix/)

4: [Spiral Matrix II:](https://leetcode.com/problems/spiral-matrix-ii/)

5: [Print Diagonally](https://practice.geeksforgeeks.org/problems/print-diagonally4331/1?utm_source=geeksforgeeks&utm_medium=ml_article_practice_tab&utm_campaign=article_practice_tab)

6: [Print matrix in diagonal pattern](https://practice.geeksforgeeks.org/problems/print-matrix-in-diagonal-pattern/1?utm_source=geeksforgeeks&utm_medium=ml_article_practice_tab&utm_campaign=article_practice_tab) (Hard level)

7: [Print Matrix in snake Patter](https://practice.geeksforgeeks.org/problems/print-matrix-in-snake-pattern-1587115621/1?utm_source=geeksforgeeks&utm_medium=ml_article_practice_tab&utm_campaign=article_practice_tab)