

1. Find row and column size from given matrix
2. Print a matrix
3. Find element from matrix
4. Sum of element of matrix
5. Print matrix in reverse order
6. Print mirror image of matrix
7. Column wise traversal
8. Print matrix in zigzag order
9. Print matrix in column wise zigzag order
10. Find highest sum among all rows
11. Find highest sum among all columns
12. Delete max element from each row
13. Delete max element from each column
14. Print diagonal elements (top-left to bottom-right) - square matrix
15. Print diagonal elements (top-right to bottom-left) - square matrix
16. Sum of all diagonal elements in matrix (same position not allowed twice)
17. Search in a row wise and column wise sorted matrix (approach: Right top pointer)
18. Find element from sorted matrix : Binary search: solution  $\log(\text{row}) + \log(\text{column})$
19. Minimum sum path to reach from  $[0,0]$  to  $[r-1,c-1]$

<https://leetcode.com/problems/richest-customer-wealth/>

<https://leetcode.com/problems/delete-greatest-value-in-each-row/>

<https://leetcode.com/problems/flipping-an-image/>

<https://leetcode.com/problems/matrix-diagonal-sum/>

<https://leetcode.com/problems/largest-local-values-in-a-matrix/>

<https://leetcode.com/problems/count-negative-numbers-in-a-sorted-matrix/>

<https://leetcode.com/problems/lucky-numbers-in-a-matrix/>