

01. Print matrix in spiral order
02. Find shortest route in a device to construct the given string
03. Shortest path in a Binary Maze
04. Find maximum value of  $M[c][d] - M[a][b]$  over all choices of indexes
05. Find size of the largest '+' formed by all ones in a binary matrix
06. Longest Possible Route in a Matrix with Hurdles
07. Find Shortest path from source to destination in a matrix
08. Print all Possible Knight's Tours in a chessboard
09. Print all possible solutions to N Queens problem
10. Find Duplicate rows in a binary matrix
11. Create Spiral Matrix from given array
12. Shift all matrix elements by 1 in Spiral Order

13. Find Duplicate rows in a binary matrix
14. Chess Knight Problem – Find Shortest path from source to destination
15. Maximum size square sub-matrix with all 1s
16. Matrix Chain Multiplication
17. Find the minimum cost to reach last cell of the matrix from its first cell
18. Find longest sequence formed by adjacent numbers in the matrix
19. Count number of paths in a matrix with given cost to reach destination
20. Print matrix in diagonal pattern
21. Find all paths from first cell to last cell of a matrix
22. Replace all occurrences of 0 that are not surrounded by 1
23. Collect maximum points in a grid using two traversals
24. Travelling Salesman Problem using Branch and Bound

25. Find common elements present in all rows of a matrix
26. Construct a Binary Tree from Ancestor Matrix
27. Find all common elements present in each row of a matrix
28. Fill Binary Matrix with Alternating Rectangles of 0 and 1
29. In-place rotate the matrix by 180 degrees
30. Check if given matrix is Toeplitz matrix or not
31. Flood Fill Algorithm
32. Count the number of islands
33. Shortest path in a Maze | Lee algorithm
34. Find maximum sum submatrix present in a given matrix
35. Find all occurrences of a given word in a matrix
36. Rotate a matrix by 90 degree in clockwise direction