Learn the most optimized approaches for the following

Merge K Sorted List

Median of 2 sorted Arrays

Sudoku solver

**Reverse Nodes in k-Group**

Input is the adjacency List of the Graph

BFS traversal of an undirected graph

DFS traversal of an undirected graph

Count connected components/No of Islands in an undirected graph -BFS/DFS

Shortest path in an undirected graph -BFS

Detect cycle in a directed graph DFS

Detect cycle in an undirected graph DFS

Topological Sorting of directed Acyclic graph – BFS

Cycle detection in directed graphs using Topological sorting/Khan’s Algorithm-BFS

Topological Sorting of directed Acyclic graph – DFS

Shortest path from source vertex to Target vertex in DAG using Topological Sort

Minimum Spanning Tree – weighted, undirected and connected graph -**Prim’s Algorithm**

(Traversing through all Vertices with the minimum cost/weight )

(Connect all cities with minimum distance)