Graph Problems

#1 BFS & DFS problems :

* [Flood Fill - LeetCode](https://leetcode.com/problems/flood-fill/)
* [Number of Islands - LeetCode](https://leetcode.com/problems/number-of-islands/)
* [Max Area of Island - LeetCode](https://leetcode.com/problems/max-area-of-island/)
* [Number of Closed Islands - LeetCode](https://leetcode.com/problems/number-of-closed-islands/)
* [Number of Enclaves - LeetCode](https://leetcode.com/problems/number-of-enclaves/)
* [Surrounded Regions](https://leetcode.com/problems/surrounded-regions/)
* [Number of Distinct Islands](https://www.lintcode.com/problem/860/)
* [Count Sub Islands - LeetCode](https://leetcode.com/problems/count-sub-islands/)
* [As Far from Land as Possible - LeetCode](https://leetcode.com/problems/as-far-from-land-as-possible/)
* [Word Ladder - LeetCode](https://leetcode.com/problems/word-ladder)
* [Rotting Oranges - LeetCode](https://leetcode.com/problems/rotting-oranges/)
* [Coloring A Border - LeetCode](https://leetcode.com/problems/coloring-a-border/)
* [Pacific Atlantic Water Flow - LeetCode](https://leetcode.com/problems/pacific-atlantic-water-flow/)
* [Shortest Path in Binary Matrix - LeetCode](https://leetcode.com/problems/shortest-path-in-binary-matrix/)
* [01 Matrix - LeetCode](https://leetcode.com/problems/01-matrix/)
* [Shortest Bridge - LeetCode](https://leetcode.com/problems/shortest-bridge/)
* [Nearest Exit from Entrance in Maze - LeetCode](https://leetcode.com/problems/nearest-exit-from-entrance-in-maze/)
* [Longest Increasing Path in a Matrix - LeetCode](https://leetcode.com/problems/longest-increasing-path-in-a-matrix/)

Update :

* [Island Perimeter - LeetCode](https://leetcode.com/problems/island-perimeter/)
* [Battleships in a Board - LeetCode](https://leetcode.com/problems/battleships-in-a-board/)
* [Array Nesting - LeetCode](https://leetcode.com/problems/array-nesting/)
* [Find All Groups of Farmland - LeetCode](https://leetcode.com/problems/find-all-groups-of-farmland/)
* [Minesweeper - LeetCode](https://leetcode.com/problems/minesweeper/)
* [Employee Importance - LeetCode](https://leetcode.com/problems/employee-importance/)
* [Flower Planting With No Adjacent - LeetCode](https://leetcode.com/problems/flower-planting-with-no-adjacent/)
* [Contain Virus - LeetCode](https://leetcode.com/problems/contain-virus/)
* [Snakes and Ladders - LeetCode](https://leetcode.com/problems/snakes-and-ladders/)
* [Shortest Path in a Grid with Obstacles Elimination - LeetCode](https://leetcode.com/problems/shortest-path-in-a-grid-with-obstacles-elimination/)
* [Minimum Number of Flips to Convert Binary Matrix to Zero Matrix - LeetCode](https://leetcode.com/problems/minimum-number-of-flips-to-convert-binary-matrix-to-zero-matrix/)

#2. KAHN"S ALGO (Topological Sort)

* [Course Schedule](https://leetcode.com/problems/course-schedule/)
* [Course Schedule II](https://leetcode.com/problems/course-schedule-ii/)
* [Longest Increasing Path in a Matrix](https://leetcode.com/problems/longest-increasing-path-in-a-matrix/)
* [Alien Dictionary - LeetCode](https://leetcode.com/problems/alien-dictionary/solution/) (pepcoding)
* [Sort Items by Groups Respecting Dependencies](https://leetcode.com/problems/sort-items-by-groups-respecting-dependencies/)

Update :

* [Loud and Rich](https://leetcode.com/problems/loud-and-rich)
* [Count Ways to Build Rooms in an Ant Colony](https://leetcode.com/problems/count-ways-to-build-rooms-in-an-ant-colony)
* [Strange Printer II](https://leetcode.com/problems/strange-printer-ii)
* [Parallel Courses III](https://leetcode.com/problems/parallel-courses-iii)
* [Find All Possible Recipes from Given Supplies](https://leetcode.com/problems/find-all-possible-recipes-from-given-supplies)

#3. Union Find :

* [Redundant Connection](https://leetcode.com/problems/redundant-connection/)
* [Regions Cut By Slashes](https://leetcode.com/problems/regions-cut-by-slashes/)
* [Surrounded Regions](https://leetcode.com/problems/surrounded-regions)
* [Number of Provinces](https://leetcode.com/problems/number-of-provinces)
* [Redundant Connection](https://leetcode.com/problems/redundant-connection)
* [Redundant Connection II](https://leetcode.com/problems/redundant-connection-ii)
* [Accounts Merge](https://leetcode.com/problems/accounts-merge) 👍++
* [Minimize Malware Spread](https://leetcode.com/problems/minimize-malware-spread)
* [Most Stones Removed with Same Row or Column](https://leetcode.com/problems/most-stones-removed-with-same-row-or-column)
* [Largest Component Size by Common Factor](https://leetcode.com/problems/largest-component-size-by-common-factor)
* [Regions Cut By Slashes](https://leetcode.com/problems/regions-cut-by-slashes)
* [Satisfiability of Equality Equations](https://leetcode.com/problems/satisfiability-of-equality-equations)
* [Number of Operations to Make Network Connected](https://leetcode.com/problems/number-of-operations-to-make-network-connected)
* [Minimize Hamming Distance After Swap Operations](https://leetcode.com/problems/minimize-hamming-distance-after-swap-operations)

Update :

* [Couples Holding Hands](https://leetcode.com/problems/couples-holding-hands)
* [Making A Large Island](https://leetcode.com/problems/making-a-large-island)
* [Rank Transform of a Matrix](https://leetcode.com/problems/rank-transform-of-a-matrix)
* [Count Servers that Communicate](https://leetcode.com/problems/count-servers-that-communicate)
* [Check if There is a Valid Path in a Grid](https://leetcode.com/problems/check-if-there-is-a-valid-path-in-a-grid)
* [Detect Cycles in 2D Grid](https://leetcode.com/problems/detect-cycles-in-2d-grid)
* [Remove Max Number of Edges to Keep Graph Fully Traversable](https://leetcode.com/problems/remove-max-number-of-edges-to-keep-graph-fully-traversable)
* [Similar String Groups](https://leetcode.com/problems/similar-string-groups/)👍++
* [Smallest String With Swaps](https://leetcode.com/problems/smallest-string-with-swaps/submissions/)👍++

#4. KRUSKAL's ALGO (MST) :

* [Min Cost to Connect All Points - LeetCode](https://leetcode.com/problems/min-cost-to-connect-all-points/)
* [Find Critical and Pseudo-Critical Edges in Minimum Spanning Tree](https://leetcode.com/problems/find-critical-and-pseudo-critical-edges-in-minimum-spanning-tree/)
* [Optimize Water Distribution in a Village](https://www.codingninjas.com/codestudio/problem-details/water-supply-in-a-village_1380956)
* [Mr. President](https://www.hackerearth.com/practice/algorithms/graphs/minimum-spanning-tree/practice-problems/algorithm/mr-president/)

#5. Articulation point / Edge

* [Critical Connections in a Network](https://leetcode.com/problems/critical-connections-in-a-network/)
* [Minimize Malware Spread](https://leetcode.com/problems/minimize-malware-spread/)
* [Minimize Malware Spread II](https://leetcode.com/problems/minimize-malware-spread-ii/)
* [Minimum Number of Days to Disconnect Island](https://leetcode.com/problems/minimum-number-of-days-to-disconnect-island/)

Djikshtra :

* [~~Network Delay Time~~](https://leetcode.com/problems/network-delay-time)
* [Swim in Rising Water](https://leetcode.com/problems/swim-in-rising-water)
* [Cheapest Flights Within K Stops](https://leetcode.com/problems/cheapest-flights-within-k-stops)
* [Path with Maximum Probability](https://leetcode.com/problems/path-with-maximum-probability)
* [Find the City With the Smallest Number of Neighbors at a Threshold Distance](https://leetcode.com/problems/find-the-city-with-the-smallest-number-of-neighbors-at-a-threshold-distance)
* [Path With Minimum Effort](https://leetcode.com/problems/path-with-minimum-effort)

Update :

* [The Maze II](https://leetcode.com/problems/the-maze-ii)
* [The Maze III](https://leetcode.com/problems/the-maze-iii)

Bellman ford:

* [Network Delay Time - LeetCode](https://leetcode.com/problems/network-delay-time/)
* [Cheapest Flights Within K Stops - LeetCode](https://leetcode.com/problems/cheapest-flights-within-k-stops/)

Graph Theory problems :

* [Keys and Rooms - LeetCode](https://leetcode.com/problems/keys-and-rooms/)
* [Find the Town Judge - LeetCode](https://leetcode.com/problems/find-the-town-judge/)
* [Time Needed to Inform All Employees - LeetCode](https://leetcode.com/problems/time-needed-to-inform-all-employees/)
* [Minimum Number of Vertices to Reach All Nodes - LeetCode](https://leetcode.com/problems/minimum-number-of-vertices-to-reach-all-nodes/)
* [Is Graph Bipartite? - LeetCode](https://leetcode.com/problems/is-graph-bipartite/)
* [Possible Bipartition - LeetCode](https://leetcode.com/problems/possible-bipartition/)
* [Find Eventual Safe States - LeetCode](https://leetcode.com/problems/find-eventual-safe-states/)
* [Bus Routes - LeetCode](https://leetcode.com/problems/bus-routes/)