## **Union Find:**

- 1. https://leetcode.com/problems/friend-circles/
- 2. https://leetcode.com/problems/redundant-connection/
- 3. https://leetcode.com/problems/most-stones-removed-with-same-row-or-column/
- 4. https://leetcode.com/problems/number-of-operations-to-make-network-connected/
- 5. https://leetcode.com/problems/satisfiability-of-equality-equations/
- 6. https://leetcode.com/problems/accounts-merge/
- https://leetcode.com/problems/connecting-cities-with-minimum-cost/

#### DFS:

## DFS from boundary:

- 1. https://leetcode.com/problems/surrounded-regions/
- 2. https://leetcode.com/problems/number-of-enclaves/

### Shortest time:

1. https://leetcode.com/problems/time-needed-to-inform-all-employees/

# Islands Variants

- 1. https://leetcode.com/problems/number-of-closed-islands/
- 2. https://leetcode.com/problems/number-of-islands/
- 3. https://leetcode.com/problems/keys-and-rooms/
- 4. https://leetcode.com/problems/max-area-of-island/
- 5. https://leetcode.com/problems/flood-fill/
- 6. https://leetcode.com/problems/coloring-a-border/

## Hash/DFS:

- 1. https://leetcode.com/problems/employee-importance/
- 2. https://leetcode.com/problems/find-the-town-judge/

#### Cycle Find:

1. https://leetcode.com/problems/find-eventual-safe-states/

### BFS:

## BFS for shortest path:

- 1. https://leetcode.com/problems/01-matrix/
- 2. https://leetcode.com/problems/as-far-from-land-as-possible/
- 3. https://leetcode.com/problems/rotting-oranges/
- 4. https://leetcode.com/problems/shortest-path-in-binary-matrix/

### Graph coloring:

- 1. https://leetcode.com/problems/possible-bipartition/
- 2. https://leetcode.com/problems/is-graph-bipartite/

# Topological Sort:

1. https://leetcode.com/problems/course-schedule-ii/

### **Shortest Path:**

- 1. https://leetcode.com/problems/network-delay-time/
- 2. https://leetcode.com/problems/find-the-city-with-the-smallest-number-of-neighbors-at-a-threshold-distance/
- 3. https://leetcode.com/problems/cheapest-flights-within-k-stops/