BFS Practice Questions

Graph BFS

1971 - Find if Path Exists in Graph: Basic BFS to check connectivity.

323 - Number of Connected Components: Count connected components using BFS.

785 - Is Graph Bipartite?: Use BFS coloring.

Grid BFS

200 - Number of Islands: BFS to count islands.

994 - Rotting Oranges: Multi-source BFS.

1091 - Shortest Path in Binary Matrix: Shortest path in 8 directions.

542 - 01 Matrix: Multi-source BFS from zeros.

1162 - As Far from Land as Possible: Multi-source BFS from land.

1293 - Shortest Path with Obstacles Elimination: BFS over states (x, y, k).

State-space BFS

752 - Open the Lock: BFS on lock states avoiding deadends.

127 - Word Ladder: BFS over word transformations.

433 - Minimum Genetic Mutation: BFS over mutations.

773 - Sliding Puzzle: BFS on board states.

1263 - Minimum Moves to Move Box: BFS with box + player state.

279 - Perfect Squares: BFS to reach n using perfect squares.