

DFS and BFS on graph

1. DFS - [DFS of Graph | Practice | GeeksforGeeks](#)
2. BFS - [BFS of graph | Practice | GeeksforGeeks](#)
3. Path between 2 vertices - [Find if Path Exists in Graph - LeetCode](#)
4. All Paths From Source to Target - [All Paths From Source to Target - LeetCode](#)
5. Hamiltonian Path - [Hamiltonian Path | Practice | GeeksforGeeks](#)
6. Connected components on adj.List - [Connected Components in a Graph | Practice Problems](#)
7. Connected components on adj.Matrix - [Number of Provinces - LeetCode](#)
8. Count vertices in each Component - [Perfect Students - Acciojob](#)
9. Longest Path in a Graph - [Longest Path in Graph - Smart Interviews](#)
10. Spreading Infection - [Spreading Infection - AccioJob](#)
11. SSSP in unweighted graph - [Shortest path in Undirected Graph having unit distance | Practice | GeeksforGeeks](#)
12. Cycle in undirected graph - [Detect cycle in an undirected graph | Practice | GeeksforGeeks](#)
13. Bipartite graph - [Is Graph Bipartite? - LeetCode](#)
14. Euler path and circuit - [Eulerian path and circuit for undirected graph - GeeksforGeeks Euler circuit and Path | Practice | GeeksforGeeks](#)
15. Mother vertex - [Mother Vertex | Practice | GeeksforGeeks](#)

DFS, BFS on grids, arrays, strings

16. Flood fill - [Flood Fill - LeetCode](#)
17. Connected Components on grid - [Number of Islands - LeetCode](#)
18. Count in each component on grid - [Max Area of Island - LeetCode](#)
19. Number of enclaves - [Number of Enclaves - LeetCode](#)
20. Evaluate division - [Evaluate Division - LeetCode](#)
21. Shortest path in binary Matrix - [Shortest Path in Binary Matrix - LeetCode](#)
22. Nearest 0 from each cell - [01 Matrix - LeetCode](#)
23. Walls and gates - [Walls And Gates - Coding Ninjas Codestudio](#)
24. Rotting oranges - [Rotting Oranges - LeetCode](#)
25. Shortest bridge - [Shortest Bridge - LeetCode](#)
26. Surrounded regions - [Surrounded Regions - LeetCode](#)
27. Pacific atlantic water flow - [Pacific Atlantic Water Flow - LeetCode](#)
28. Number of distinct islands - [Number of Distinct Islands | Practice | GeeksforGeeks](#)
29. Snake and ladders - [Snakes and Ladders - LeetCode Snake and Ladder Problem | Practice | GeeksforGeeks](#)
30. Jump Game IV - [Jump Game IV - LeetCode](#)
31. Word ladder - [Word Ladder - LeetCode](#)
32. Reconstruct Itinerary - [Reconstruct Itinerary - LeetCode](#)
33. Sliding puzzle - [Sliding Puzzle - LeetCode](#)
34. Bus routes - [Bus Routes - LeetCode](#)

Dijkstra

- 35. Dijkstra Implementation - [Implementing Dijkstra Algorithm | Practice | GeeksforGeeks](#)
- 36. Network delay time - [Network Delay Time - LeetCode](#)
- 37. Lost in a city - [Lost in a city | Practice Problems](#)
- 38. Parking slot - [The Parking Slot | Practice Problems](#)
- 39. 01 BFS - [Chef and Reversing - Codechef](#)

Topological sort

- 40. Cycle in a directed graph - [Course Schedule - LeetCode](#)
- 41. Topological sort - [Course Schedule II - LeetCode](#)
- 42. Shortest path in DAG - [Shortest path in Directed Acyclic Graph | Practice | GeeksforGeeks](#)
- 43. Longest Cycle in a directed graph - [Longest Cycle in a Graph - LeetCode](#)
- 44. Alien Dictionary - [Alien Dictionary | Practice | GeeksforGeeks](#)
- 45. Minimum Height trees - [Minimum Height Trees - LeetCode](#)
- 46. LIS in a Matrix - [Longest Increasing Path in a Matrix - LeetCode](#)