Linked list

1) Reverse a linked list
2) Detect cycle in a linked list
3) Find middle of linked list
4) Merge 2 linked lists
5) Intersection point of 2 linked lists
6) Clone a linked list with random pointers

Binary Tree

1) Find Max/Min element
2) Find Height/Depth of Binary Tree
3) Check if Binary Tree is balanced
4) Check if Binary Tree is symmetric
5) Find Diameter of Binary Tree
6) Find Lowest Common Ancestor of Binary Tree

Stacks/Queues

1) Tower of Hanoi
2) Maximum element in stack
3) Next greater element using stack
4) Histogram Area using stack
5) Create a Min Stack
6) Create a Max Stack
7) Sliding Window maximum
8) ~~Stack w~~
8) Implement stack using Queues
9) Implement Queues using stack

Graphs

1) DFS, BFS
2) Dijkstra's algorithm (shortest path)
3) Bellman-Ford algorithm (shortest path)
4) Prim's algorithm (minimum node)
5) Kruskal's algorithm
6) Topological Sorting
7) Find strongly connected components