

Week 5 and 6: Recursion and Backtracking

Resources

1. <https://www.hackerearth.com/practice/basic-programming/recursion/recursion-and-backtracking/tutorial/>
2. <https://www.geeksforgeeks.org/recursion/>
3. <https://www.geeksforgeeks.org/backtracking-introduction/>

Problems -

1. Permutations - <https://leetcode.com/problems/permutations/>
2. Generate Parentheses - <https://leetcode.com/problems/generate-parentheses/>
3. Combinations - <https://leetcode.com/problems/combinations/>
4. Subsets - <https://leetcode.com/problems/subsets/>
5. Path with maximum gold - <https://leetcode.com/problems/path-with-maximum-gold/>
6. N-Queen - <https://leetcode.com/problems/n-queens/>
7. Longest Substring with atleast K repeating characters - <https://leetcode.com/problems/longest-substring-with-at-least-k-repeating-characters/>
8. Jump Game - <https://leetcode.com/problems/jump-game-iii/>
9. Help the Old Man - <https://practice.geeksforgeeks.org/problems/help-the-old-man3848/1>
10. Valid Tic-Tac-Toe - <https://leetcode.com/problems/valid-tic-tac-toe-state/>