

ASSIGNMENT - 2

Recursion & Backtracking

- 0. [Fib Number and Factorial using tail recursion](#) (Easy)**
1. [Generate Parenthesis](#) (Easy)
- 2. [Print all possible combinations of the mobile keyboard](#) (Hard)**
3. [Count All possible Decoding](#) (Medium)
4. [Count Possible Paths](#) (Easy to Medium)
5. [Last Non-Zero Digit Factorial](#) (Hard)
- 6. [Write a program to print all permutations of a given string](#) (Medium)**
- 7. [Rat in a maze](#) (Medium)**
8. [Palindrome Partitioning](#) (Hard)
9. Valid Sudoku (Hard)
10. [Subset Sum | Backtracking-4](#) (Hard)
11. Combination Of Number (Medium)
- 12. N Queens Problem (Hard) /Print all configurations of it as H/W.**
13. [Generate IP Address](#) (Medium)
14. Power subset (Medium)
15. H/W: [Largest Number after k swaps](#)
16. [The Knight's tour problem | Backtracking-1](#) (Hard)
- 17. [Leetcode #62 Unique Paths](#) (Medium)**

18. [Excel Sheet Column Title](#)
19. [Excel Sheet Column Number](#)
20. [Count Trailing Zeros in a factorial](#)