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