



1. Why do we need Recursion and what is it ?
2. What is a recursive tree ?
3. Basic algorithm for recursion, how should we break the input and what is a base condition ?
4. Fibonacci series and difference between recursive and iterative method
5. Print numbers from 1 to n using recursion
6. Print numbers from n to 1 using recursion
7. Reverse an array, string using recursion
8. Reverse a stack using recursion
9. Sort an array using recursion
10. Tower of Hanoi problem
11. Generating all subsets/powersets
12. Generating all unique subsets/powersets
13. Generating all permutation with spaces
14. Generating all permutation with case change
15. Josephus Problem
16. Recursive Digit Sum
17. Number of paths
18. Special Keyboard
19. Crossword Puzzle
20. Merge two sorted lists
21. Power of two
22. Power of three
23. Power of four
24. Cryptarithmic
25. Word Break - I
26. Memorization of recursive calls.
27. What is backtracking?
28. Why Linked List?