84 1 Longest Increasing Subsequence

2- 2 Find Closest Value In BST

3- 3 Branch Sums

4- 4 Depthfirst Search

5- 5 Linked List Construction

6- 6 Nth Fibonacci

7- 7 Product Sum

8- 8 Binary Search

9- 9.Find Three Largest Numbers

10- 10 Bubble Sort

11- 11 Insertion Sort

12- 12 Selection Sort

13- 13 Palindrome Check

14- 14 Caesar Cipher Encryptor

16- 2 Smallest Difference

17- 3 Move Element To End

18- 4 BST Construction

19- 5 Validate BST

20- 6 BST Traversal

21- 7 Invert Binary Tree

22 8 Max Subset Sum No Adjacent

23 9 Number Of Ways To Make Change

24 10 Min Number Of Coins For Change

25 11 Levenshtein Distance

26 12 Kadanes Algorithm

27 13 Single Cycle Check

28 14 Breadthfirst Search

29 15 River Sizes

30 16 Youngest Common Ancestor

31 17 Min Heap Construction

32 18 Remove Nth Node From End

33 19 Permutations

34 20 Powerset

35 21 Search In Sorted Matrix

36 22 Min Max Stack Construction

37 23 Balanced Brackets

38 24 Longest Palindromic Substring

39 25 Group Anagrams

40 26 Suffix Trie Construction

41 1 Four Number Sum

42 2 Subarray Sort

43 3 Largest Range

44 4 Min Rewards

45 5 Zigzag Traverse

46 6 Same BSTs

47 7 Max Path Sum

48 8 Max Sum Increasing Subsequence

49 9 Longest Common Subsequence

50 10 Min Number Of Jumps

51 11 Water Area

52 12 Knapsack Problem

53 13 Disk Stacking

54 14 Numbers In Pi

55 15 Topological Sort

56 16 Boggle Board

57 17 Continuous Median

58 18 Find Loop

59 19 Reverse Linked List

60 20 Merge Linked Lists

62 22 Interweaving Strings

63 23 Shifted Binary Search

64 24 Search For Range

65 25 Quickselect

66 26 Quick Sort

67 27 Heap Sort

68 28 Longest Substring Without Duplication

69 29 Underscorify Substring

70 30 Pattern Matcher

71 31 Multi String Search

72 1 Apartment Hunting

73 2 Calendar Matching

74 3 Iterative Inorder Traversal

75 4 Max Profit With K Transactions

76 5 Palindrome Partitioning Min Cuts

77 6 Longest String Chain

78 7 KnuthвMorrisвPratt

79 8 Rectangle Mania

80 9 LRU Cache

81 10 Number Of Binary Tree Topologies

82 11 Merge Sort

83 12 Smallest Substring Containing

1- 1.Two Number Of Sum

85 2 Airport Connections

KEY TAKEAWAYS

* Data warehousing is the electronic storage of a large amount of information by a business or organization.
* A data warehouse is designed to run query and analysis on historical data derived from transactional sources for business intelligence and data mining purposes.
* Data warehousing is used to provide greater insight into the performance of a company by comparing data consolidated from multiple heterogeneous sources.

The data mining process breaks down into five steps:

1. Organizations collect data and load it into their data warehouses.
2. They then store and manage the data, either on in-house servers or the cloud.
3. Business analysts, management teams and information technology professionals access the data and determine how they want to organize it.
4. Application software then sorts the data based on the user's results
5. The end-user finally presents the data in an easy-to-share format, such as a graph or table