

TOP 100 MOST ASKED DSA QUESTIONS

1. Arrays





1. [Check if pair with the given Sum exists in Array](#) - ● Easy
2. [Best Time to Buy and Sell Stock](#) - ● Easy
3. [Find duplicates](#) - ● Medium
4. [Product of Array Except Self](#) - ● Medium
5. [Maximum Subarray](#) - ● Easy
6. [Maximum Product Subarray](#) - ● Medium
7. [Find Minimum in Rotated Sorted Array](#) - ● Medium
8. [Search in Rotated Sorted Array](#) - ● Medium
9. [3 Sum](#) - ● Medium
10. [Container With Most Water](#) - ● Medium
11. [Trapping Rain Water](#) - ● Hard
12. [Chocolate Distribution Problem](#) - ● Easy
13. [Insert Interval](#) - ● Hard
14. [Merge Intervals](#) - ● Medium
15. [Non-overlapping Intervals](#) - ● Medium
16. [Set Matrix Zeroes](#) - ● Medium
17. [Spiral Matrix](#) - ● Medium
18. [Program to find the transpose of a matrix](#) - ● Easy

2. Strings





19. [Word Search](#) - ● Medium
20. [Longest Substring Without Repeating Characters](#) - ● Medium
21. [Longest Repeating Character Replacement](#) - ● Medium
22. [Smallest window in a String containing all characters of another String](#) - ● Hard
23. [Check whether two Strings are anagram of each other](#) - ● Easy
24. [Print all anagrams together](#) - ● Medium
25. [Check if given Parentheses expression is balanced or not](#) - ● Easy
26. [Sentence Palindrome](#) - ● Easy
27. [Longest Palindromic Substring](#) - ● Medium
28. [Palindromic Substrings](#) - ● Medium
29. [Longest Common Prefix](#) - ● Easy

3. Linked List







30. [Reverse a Linked List](#) - ● Easy
31. [Detect Cycle in a Linked List](#) - ● Easy
32. [Merge Two Sorted Lists](#) - ● Easy
33. [Merge K Sorted Lists](#) - ● Hard
34. [Remove Nth Node From End Of List](#) - ● Medium

- 35. [Reorder List](#) -  Medium
- 36. [Add 1 to a number represented as a linked list](#) -  Medium
- 37. [Find the middle of a given linked list](#) -  Easy
- 38. [Delete last occurrence of an item from a linked list](#) -  Medium



4. Stacks and Queues

- 39. [Valid Parentheses](#) -  Easy
- 40. [Convert Infix expression to Postfix expression](#) -  Medium
- 41. [Next Greater Element](#) -  Easy
- 42. [Delete middle element of a stack](#) -  Medium





5. Trees

- 43. [Check mirror in an n-ary tree](#) -  Easy
- 44. [The Celebrity Problem](#) -  Medium
- 45. [Length of the longest valid substring](#) -  Hard
- 46. [Print Right View of a Binary Tree](#) -  Medium
- 47. [Find the first circular tour that visits all petrol pumps](#) -  Medium
- 48. [Maximum Depth of Binary Tree](#) -  Easy
- 49. [Check if two trees have the same structure](#) -  Easy
- 50. [Invert/Flip Binary Tree](#) -  Easy
- 51. [Binary Tree Maximum Path Sum](#) -  Hard
- 52. [Binary Tree Level Order Traversal](#) -  Medium
- 53. [Serialize and Deserialize Binary Tree](#) -  Hard
- 54. [Subtree of Another Tree](#) -  Easy
- 55. [Construct Binary Tree from Preorder and Inorder Traversal](#) -  Medium
- 56. [Validate Binary Search Tree](#) -  Medium
- 57. [Kth Smallest Element in a BST](#) -  Medium
- 58. [Lowest Common Ancestor of BST](#) -  Easy














6. Trie

- 59. [Implement Trie \(Prefix Tree\)](#) -  Medium
- 60. [Add and Search Word](#) -  Medium

7. Heap

- 61. [Top K Frequent Elements](#) -  Medium
- 62. [Find Median from Data Stream](#) -  Hard
- 63. [Largest triplet product in a stream](#) -  Easy
- 64. [Connect n ropes with minimum cost](#) -  Medium






8. Graphs

- 65. [Clone Graph](#) -  Medium
- 66. [Course Schedule](#) -  Medium
- 67. [Pacific Atlantic Water Flow](#) -  Medium
- 68. [Number of Islands](#) -  Medium
- 69. [Longest Consecutive Sequence](#) -  Hard
- 70. [Snake and Ladder Problem](#) -  Medium
- 71. [Detect Cycle in a Directed Graph](#) -  Medium
- 72. [Bridges in a graph](#) -  Hard
- 73. [Check whether a given graph is Bipartite or not](#) -  Medium
- 74. [Find size of the largest region in a Boolean Matrix](#) -  Medium
- 75. [Flood fill Algorithm](#) -  Easy
- 76. [Strongly Connected Components](#) -  Hard
- 77. [Topological Sorting](#) -  Medium

9. Dynamic Programming

- 78. [Count ways to reach the n'th stair](#) -  Easy
- 79. [Coin Change](#) -  Medium
- 80. [0/1 Knapsack Problem](#) -  Medium
- 81. [Longest Increasing Subsequence](#) -  Medium
- 82. [Longest Common Subsequence](#) -  Medium
- 83. [Word Break Problem](#) -  Medium
- 84. [Dice Throw](#) -  Medium
- 85. [Egg Dropping Puzzle](#) -  Hard
- 86. [Matrix Chain Multiplication](#) -  Medium
- 87. [Combination Sum](#) -  Medium
- 88. [Subset Sum Problem](#) -  Medium
- 89. [Find maximum possible stolen value from houses](#) -  Easy
- 90. [Count Possible Decodings of a given Digit Sequence](#) -  Medium
- 91. [Unique paths in a Grid with Obstacles](#) -  Medium
- 92. [Jump Game](#) -  Medium
- 93. [Cutting a Rod](#) -  Medium
- 94. [Maximum Product Cutting](#) -  Medium
- 95. [Count number of ways to cover a distance](#) -  Easy

10. Bit Manipulation

- 96. [Number of 1 Bits](#) -  Easy
- 97. [Counting Bits](#) -  Medium
- 98. [Missing Number](#) -  Easy
- 99. [Reverse Bits](#) -  Easy
- 100. [Find XOR of all subsets of a set](#) -  Medium