| Topic | Category |
|---|---|
| Java Introduction, Features, Strcuture, Data Types | Fundamentals |
| Basic I/O, Operators | |
| Decision making and Control structures | |
| Introduction to Algorithms | Intro to Algorithms |
| Time & Space complexity-1.1 | |
| Time & Space complexity-1.2 | |
| Simple Sieve | Math based problems |
| Segmented & Incremental Sieve | |
| Euler's phi Algorithm | |
| Strobogrammatic Number | |
| Remainder Theorem | |
| Toggle the switch & Alice Apple tree | |
| Binary Palindrome | Biwise algorithms |
| Booth's Algorithm | |
| Euclid's Algorithm | |
| Karatsuba Algorithm | |
| Longest Sequence of 1 after flipping a bit | |
| Swap two nibbles in a byte | |
| Block Swap Algorithm | Arrays |
| Max product subarray | |
| Maximum sum of hour glass in matrix | |
| Max Equlibrium Sum | Searching |
| Leaders in array | |
| Majority element | |
| Lexicographically first palindromic string | Sorting |
| Natural Sort order | |
| Quick, Selection Sort | |
| Weightes substring | Strings |
| Move hyphen to beginning | |
| Manacher's Algorithm | |
| Sorted Unique Permutation | Recursion |
| Maneuvering | |
| Combination | |
| Josephus trap | |
| Maze Solving | Back tracking |
| N Queens | |
| Warnsdorff’s Algorithm | |
| Hamiltonian Cycle | |
| Kruskal's Algorithm | Greedy Algorithm |
| Activity Selection Problem | |
| Graph Coloring | |
| Huffman Coding | |
| Networking | |

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|---|---|
| Security | Interview Prep |
| Cryption Techniques | |
| Loop Detection | Linked list |
| Sort the bitonic DLL | |
| Segregate even & odd nodes in a LL | |
| Merge sort for DLL | |
| Minimum Stack | Stack |
| The Celebrity problem | |
| Iterative Tower of Hanoi | |
| Stock Span problem | |
| Priority Queue using DLL | Queue |
| Sort without extra Space | |
| Max Sliding Window | |
| Stack permutations | |
| Recover the BST | Trees |
| Views of tree | |
| Vertical order traversal | |
| Boundary traversal | |
| BFS, DFS | Graphs |
| Dial's Algorithm | |
| Bellman-Ford Algorithm | |
| Topological Sort | |