

LeetCode Patterns -

These patterns will help you make sure that you don't need to solve 1000s of LeetCode Problems. Instead you will be done with most of leetcode in far less number of problems.

1. 10-line template that can solve most 'substring' problems:

<https://leetcode.com/problems/minimum-window-substring/solutions/26808/Here-is-a-10-line-template-that-can-solve-most-'substring'-problems/>

2. Sliding Window Cheatsheet Template : <https://leetcode.com/problems/frequency-of-the-most-frequent-element/solutions/1175088/C++-Maximum-Sliding-Window-Cheatsheet-Template/>

3. Two pointers problems: <https://leetcode.com/discuss/study-guide/1688903/Solved-all-two-pointers-problems-in-100-days>

4. Backtracking: <https://medium.com/leetcode-patterns/leetcode-pattern-3-backtracking-5d9e5a03dc26>

5. Backtracking Approach :

[https://leetcode.com/problems/permutations/solutions/18239/A-general-approach-to-backtracking-questions-in-Java-\(Subsets-Permutations-Combination-Sum-Palindrome-Partitioning\)/](https://leetcode.com/problems/permutations/solutions/18239/A-general-approach-to-backtracking-questions-in-Java-(Subsets-Permutations-Combination-Sum-Palindrome-Partitioning)/)

6. Dynamic Programming Patterns: <https://leetcode.com/discuss/study-guide/458695/Dynamic-Programming-Patterns>

7. Dynamic Programming Patterns II: <https://leetcode.com/discuss/study-guide/1437879/Dynamic-Programming-Patterns>

8. Binary Search Template: <https://leetcode.com/discuss/study-guide/786126/Python-Powerful-Ultimate-Binary-Search-Template.-Solved-many-problems>

9. Graph : <https://leetcode.com/discuss/study-guide/937307/Iterative-or-Recursive-or-DFS-and-BFS-Tree-Traversal-or-In-Pre-Post-and-LevelOrder-or-Views>

10. Graph II: <https://leetcode.com/discuss/study-guide/655708/Graph-For-Beginners-Problems-or-Pattern-or-Sample-Solutions>

11. Monotonic Stack: <https://leetcode.com/discuss/study-guide/2347639/A-comprehensive-guide-and-template-for-monotonic-stack-based-problems>

12. Important String questions Patterns: <https://leetcode.com/discuss/study-guide/2001789/Collections-of-Important-String-questions-Pattern>

13. Bits Manipulations and How to use it: <https://leetcode.com/discuss/interview-question/3695233/All-Types-of-Patterns-for-Bits-Manipulations-and-How-to-use-it>

14. Leetcode Patterns: <https://medium.com/leetcode-patterns/leetcode-pattern-1-bfs-dfs-25-of-the-problems-part-1-519450a84353>

<https://leetcode.com/discuss/general-discussion/794725/General-Pattern-for-greedy-approach-for-Interval-based-problems>

<https://medium.com/@timparko807/leetcode-is-easy-the-interval-pattern-d68a7c1c841>