

► Strings

Pattern 1: KMP Algorithm

- String Matching
- Find the Index of the First Occurrence in a String
- Shortest Palindrome
- Longest Happy Prefix
- Implement strStr()

Pattern 2: Z-Algorithm

- String Matching
- Shortest Palindrome
- Pattern Search
- Count and Say
- Frequency of Pattern

Pattern 3: Rabin-Karp Algorithm

- String Matching
- Repeated String Match
- Find All Anagrams in a String
- Substring with Concatenation of All Words
- Detect Cycle in a Circular Array

Pattern 4: Longest Common Subsequence

- Longest Common Subsequence
- Uncrossed Lines
- Minimum ASCII Delete Sum for Two Strings
- Shortest Common Supersequence
- Delete Operation for Two Strings

Pattern 5: Edit Distance

- Edit Distance
- Word Ladder
- Word Break II
- Sequence Alignment
- Minimum Steps to Convert Word

Pattern 6: Regular Expression Matching

- Regular Expression Matching
- Wildcard Matching
- Word Search
- Valid Palindrome II
- Pattern Matching in String

Pattern 7: Palindrome Problems

- Palindrome Partitioning
- Valid Palindrome II
- Longest Palindromic Subsequence
- Palindromic Substrings
- Minimum Cuts for Palindromes

Pattern 8: Trie (Prefix Tree)

- Implement Trie
- Add and Search Word
- Replace Words
- Map Sum Pairs
- Word Search II

Pattern 9: DP on Intervals for Strings

- Palindrome Partitioning II
- Burst Balloons
- Strange Printer
- Matrix Chain Multiplication
- Optimal Binary Search Tree