String

13 ~~Roman to Integer (/problems/roman-to-integer)~~

344 ~~Reverse String (/problems/reverse-string)~~

6 ZigZag Conversion (/problems/zigzag-conversion)

14 ~~Longest Common Prefix (/problems/longest-common-prefix)~~

3 Longest Substring Without Repeating Characters (/problems/longest-substring-without-repeating-characters)

12 Integer to Roman (/problems/integer-to-roman)

```
String M[] = {"", "M", "MM", "MMM"};
String C[] = {"", "C", "CC", "CCC", "CD", "D", "DC", "DCC", "DCCC", "CM"};
String X[] = {"", "X", "XX", "XXX", "XL", "L", "LX", "LXX", "LXXX", "XC"};
String I[] = {"", "I", "II", "III", "IV", "V", "VI", "VII", "VIII", "IX"};
return M[num/1000] + C[(num%1000)/100] + X[(num%100)/10] + I[num%10];
```

20 ~~Valid Parentheses (/problems/valid-parentheses)~~

5 Longest Palindromic Substring (/problems/longest-palindromic-substring)

```
Input: "babad"
Output: "bab"
Note: "aba" is also a valid answer.
```

extend

38 Count and Say (/problems/count-and-say)

22 ~~Generate Parentheses (/problems/generate-parentheses)~~

backtracking

17 ~~Letter Combinations of a Phone Number (/problems/letter-combinations-of-a-phone-number)~~

backtracking

10 ~~Regular Expression Matching (/problems/regular-expression-matching)~~

dp

929 ~~Unique Email Addresses (/problems/unique-email-addresses)~~

151 Reverse Words in a String (/problems/reverse-words-in-a-string)

67 Add Binary (/problems/add-binary)

49 ~~Group Anagrams (/problems/group-anagrams)~~

72 ~~Edit Distance (/problems/edit-distance)~~ DP

8 String to Integer (atoi) (/problems/string-to-integer-atoi)

657 ~~Robot Return to Origin (/problems/robot-return-to-origin)~~

273 Integer to English Words (/problems/integer-to-english-words)

804 ~~Unique Morse Code Words (/problems/unique-morse-code-words)~~

28 ~~Implement strStr() (/problems/implement-strstr)~~

557 ~~Reverse Words in a String III (/problems/reverse-words-in-a-string-iii)~~

43 Multiply Strings (/problems/multiply-strings)

709 ~~To Lower Case (/problems/to-lower-case)~~

383 Ransom Note (/problems/ransom-note)

387 First Unique Character in a String (/problems/first-unique-character-in-a-string)

76 Minimum Window Substring (/problems/minimum-window-substring)

336 Palindrome Pairs (/problems/palindrome-pairs)

345 Reverse Vowels of a String (/problems/reverse-vowels-of-a-string)

65 Valid Number (/problems/valid-number)

32 Longest Valid Parentheses (/problems/longest-valid-parentheses)

93 Restore IP Addresses (/problems/restore-ip-addresses)

647 Palindromic Substrings (/problems/palindromic-substrings)

115 Distinct Subsequences (/problems/distinct-subsequences)

125 Valid Palindrome (/problems/valid-palindrome)

30 Substring with Concatenation of All Words (/problems/substring-with-concatenation-of-all-words)

165 Compare Version Numbers (/problems/compare-version-numbers)

91 Decode Ways (/problems/decode-ways)

681 Next Closest Time (/problems/next-closest-time) 🔓

609 Find Duplicate File in System (/problems/find-duplicate-file-in-system)

214 Shortest Palindrome (/problems/shortest-palindrome)

97 Interleaving String (/problems/interleaving-string)

58 Length of Last Word (/problems/length-of-last-word)

87 Scramble String (/problems/scramble-string)

71 Simplify Path (/problems/simplify-path)

126 Word Ladder II (/problems/word-ladder-ii)

44 Wildcard Matching (/problems/wildcard-matching)

68 Text Justification (/problems/text-justification)

227 Basic Calculator II (/problems/basic-calculator-ii)

696 Count Binary Substrings (/problems/count-binary-substrings)

770 Basic Calculator IV (/problems/basic-calculator-iv)

564 Find the Closest Palindrome (/problems/find-the-closest-palindrome)

606 Construct String from Binary Tree (/problems/construct-string-from-binary-tree)

521 Longest Uncommon Subsequence I (/problems/longest-uncommon-subsequence-i)

541 Reverse String II (/problems/reverse-string-ii)

686 Repeated String Match (/problems/repeated-string-match)

159 Longest Substring with At Most Two Distinct Characters (/problems/longest-substring-with-at-most-two-distinct-characters) 🔓

632 Smallest Range (/problems/smallest-range)

340 Longest Substring with At Most K Distinct Characters (/problems/longest-substring-with-at-most-k-distinct-characters) 🔓

161 One Edit Distance (/problems/one-edit-distance) 🔓

788 Rotated Digits (/problems/rotated-digits)

537 Complex Number Multiplication (/problems/complex-number-multiplication)

819 Most Common Word (/problems/most-common-word)

767 Reorganize String (/problems/reorganize-string)

761 Special Binary String (/problems/special-binary-string)

158 Read N Characters Given Read4 II - Call multiple times (/problems/read-n-characters-given-read4-ii-call-multiple-times) 🔓

459 Repeated Substring Pattern (/problems/repeated-substring-pattern)

890 Find and Replace Pattern (/problems/find-and-replace-pattern)

553 Optimal Division (/problems/optimal-division)

539 Minimum Time Difference (/problems/minimum-time-difference)

157 Read N Characters Given Read4 (/problems/read-n-characters-given-read4) 🔓

443 String Compression (/problems/string-compression)

722 Remove Comments (/problems/remove-comments)

680 Valid Palindrome II (/problems/valid-palindrome-ii)

385 Mini Parser (/problems/mini-parser)

520 Detect Capital (/problems/detect-capital)

730 Count Different Palindromic Subsequences (/problems/count-different-palindromic-subsequences)

772 Basic Calculator III (/problems/basic-calculator-iii)

249 Group Shifted Strings (/problems/group-shifted-strings)

937 Reorder Log Files (/problems/reorder-log-files)

583 Delete Operation for Two Strings (/problems/delete-operation-for-two-strings)

791 Custom Sort String (/problems/custom-sort-string)

186 Reverse Words in a String II (/problems/reverse-words-in-a-string-ii)

736 Parse Lisp Expression (/problems/parse-lisp-expression)

556 Next Greater Element III (/problems/next-greater-element-iii)

856 Score of Parentheses (/problems/score-of-parentheses)

678 Valid Parenthesis String (/problems/valid-parenthesis-string)

635 Design Log Storage System (/problems/design-log-storage-system)

434 Number of Segments in a String (/problems/number-of-segments-in-a-string)

551 Student Attendance Record I (/problems/student-attendance-record-i)

468 Validate IP Address (/problems/validate-ip-address)

893 Groups of Special-Equivalent Strings (/problems/groups-of-special-equivalent-strings)

271 Encode and Decode Strings (/problems/encode-and-decode-strings)

293 Flip Game (/problems/flip-game)

544 Output Contest Matches (/problems/output-contest-matches)

899 Orderly Queue (/problems/orderly-queue)

917 Reverse Only Letters (/problems/reverse-only-letters)

522 Longest Uncommon Subsequence II (/problems/longest-uncommon-subsequence-ii)

859 Buddy Strings (/problems/buddy-strings)

824 Goat Latin (/problems/goat-latin)

833 Find And Replace in String (/problems/find-and-replace-in-string)

616 Add Bold Tag in String (/problems/add-bold-tag-in-string) 🔓

842 Split Array into Fibonacci Sequence (/problems/split-array-into-fibonacci-sequence)

809 Expressive Words (/problems/expressive-words)

916 Word Subsets (/problems/word-subsets)

848 Shifting Letters (/problems/shifting-letters)

831 Masking Personal Information (/problems/masking-personal-information)

800 Similar RGB Color (/problems/similar-rgb-color) 🔓

936 Stamping The Sequence (/problems/stamping-the-sequence)

536 Construct Binary Tree from String (/problems/construct-binary-tree-from-string) 🔓

527 Word Abbreviation (/problems/word-abbreviation) 🔓

816 Ambiguous Coordinates (/problems/ambiguous-coordinates)

591 Tag Validator (/problems/tag-validator)

408 Valid Word Abbreviation (/problems/valid-word-abbreviation) 🔓

925 Long Pressed Name (/problems/long-pressed-name)

758 Bold Words in String (/problems/bold-words-in-string) 🔓

555 Split Concatenated Strings (/problems/split-concatenated-strings) 🔓

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