**Reverse & Rotation:**

1. [Perfect reversible string](https://www.geeksforgeeks.org/perfect-reversible-string/)
2. [Reversing an Equation](https://www.geeksforgeeks.org/reversing-an-equation/)
3. [Left Rotation and Right Rotation of a String](https://www.geeksforgeeks.org/left-rotation-right-rotation-string-2/)
4. [Generate all rotations of a given string](https://www.geeksforgeeks.org/generate-rotations-given-string/)
5. [Minimum rotations required to get the same string](https://www.geeksforgeeks.org/minimum-rotations-required-get-string/)
6. [Check if strings are rotations of each other or not](https://www.geeksforgeeks.org/check-strings-rotations-not-set-2/)
7. [Check if a string can be obtained by rotating another string 2 place](https://www.geeksforgeeks.org/check-string-can-obtained-rotating-another-string-2-places/)
8. [Count rotations divisible by 4](https://www.geeksforgeeks.org/count-rotations-divisible-4/)
9. [Check if all rows of a matrix are circular rotations of each other](https://www.geeksforgeeks.org/check-rows-matrix-circular-rotations/)
10. [Print reverse of a string using recursion](https://www.geeksforgeeks.org/reverse-a-string-using-recursion/)
11. [Print words of a string in reverse order](https://www.geeksforgeeks.org/print-words-string-reverse-order/)
12. [Program to reverse a string (Iterative and Recursive)](https://www.geeksforgeeks.org/program-reverse-string-iterative-recursive/)
13. [Write a program to reverse an array or string](https://www.geeksforgeeks.org/write-a-program-to-reverse-an-array-or-string/)
14. [Reverse an array without affecting special characters](https://www.geeksforgeeks.org/reverse-an-array-without-affecting-special-characters/)
15. [Reverse words in a given string](https://www.geeksforgeeks.org/reverse-words-in-a-given-string/)
16. [Reverse individual words](https://www.geeksforgeeks.org/reverse-individual-words/)
17. [Reverse a string preserving space positions](https://www.geeksforgeeks.org/reverse-string-preserving-space-positions/)
18. [Reverse string without using any temporary variable](https://www.geeksforgeeks.org/reverse-string-without-using-any-temporary-variable/)
19. [Print reverse string after removing vowels](https://www.geeksforgeeks.org/print-reverse-string-removing-vowels/)
20. [Reverse vowels in a given string](https://www.geeksforgeeks.org/reverse-vowels-given-string/)
21. [Reverse String according to the number of words](https://www.geeksforgeeks.org/reverse-string-according-number-words/)
22. [Reverse each word in a linked list node](https://www.geeksforgeeks.org/reverse-word-linked-list-node/)
23. [Find if an array of strings can be chained to form a circle](https://www.geeksforgeeks.org/find-array-strings-can-chained-form-circle-set-2/)

**Sorting & Searching:**

1. [Sort an array of strings according to string lengths](https://www.geeksforgeeks.org/sort-array-strings-according-string-lengths/)
2. [Sorting array of strings (or words) using Trie](https://www.geeksforgeeks.org/sorting-array-strings-words-using-trie/)
3. [Sort string of characters](https://www.geeksforgeeks.org/sort-string-characters/)
4. [Alternate Lower Upper String Sort](https://www.geeksforgeeks.org/alternate-lower-upper-string-sort/)
5. [Program to sort string in descending order](https://www.geeksforgeeks.org/program-sort-string-descending-order/)
6. [Print array of strings in sorted order without copying one string into another](https://www.geeksforgeeks.org/print-array-strings-sorted-order-without-copying-one-string-another/)
7. [Sort the given string using character search](https://www.geeksforgeeks.org/sort-given-string-using-character-search/)
8. [Given a sorted dictionary of an alien language, find order of characters](https://www.geeksforgeeks.org/given-sorted-dictionary-find-precedence-characters/)
9. [Rearrange a string in sorted order followed by the integer sum](https://www.geeksforgeeks.org/rearrange-a-string-in-sorted-order-followed-by-the-integer-sum/)
10. [Print distinct sorted permutations with duplicates allowed in input](https://www.geeksforgeeks.org/print-distinct-sorted-permutations-with-duplicates-allowed/)
11. [Minimum cost to sort strings using reversal operations of different costs](https://www.geeksforgeeks.org/minimum-cost-sort-strings-using-reversal-operations-different-costs/)
12. [Print number in ascending order which contains 1, 2 and 3 in their digits.](https://www.geeksforgeeks.org/print-number-ascending-order-contains-1-2-3-digits/)
13. [Search in an array of strings where non-empty strings are sorted](https://www.geeksforgeeks.org/search-in-an-array-of-strings-where-non-empty-strings-are-sorted/)
14. [Sparse Search](https://www.geeksforgeeks.org/sparse-search/)

**Character Counting Based Problems:**

1. [Count Uppercase, Lowercase, special character and numeric values](https://www.geeksforgeeks.org/count-uppercase-lowercase-special-character-numeric-values/)
2. [Find the smallest window in a string containing all characters of another string](https://www.geeksforgeeks.org/find-the-smallest-window-in-a-string-containing-all-characters-of-another-string/)
3. [Smallest window that contains all characters of string itself](https://www.geeksforgeeks.org/smallest-window-contains-characters-string/)
4. [Count number of substrings with exactly k distinct characters](https://www.geeksforgeeks.org/count-number-of-substrings-with-exactly-k-distinct-characters/)
5. [Number of substrings with count of each character as k](https://www.geeksforgeeks.org/number-substrings-count-character-k/)
6. [String with k distinct characters and no same characters adjacent](https://www.geeksforgeeks.org/string-k-distinct-characters-no-characters-adjacent/)
7. [Number of substrings of a string](https://www.geeksforgeeks.org/number-substrings-string/)
8. [Distinct strings with odd and even changes allowed](https://www.geeksforgeeks.org/distinct-strings-odd-even-changes-allowed/)
9. [Find k’th character of decrypted string](https://www.geeksforgeeks.org/find-kth-character-of-decrypted-string/)
10. [Count characters at same position as in English alphabets](https://www.geeksforgeeks.org/count-characters-position-english-alphabets/)
11. [Count words in a given string](https://www.geeksforgeeks.org/count-words-in-a-given-string/)
12. [Count words present in a string](https://www.geeksforgeeks.org/count-words-present-in-a-string/)
13. [Count of words whose i-th letter is either (i-1)-th, i-th, or (i+1)-th letter of given word](https://www.geeksforgeeks.org/count-words-whose-th-letter-either-1-th-th-i1-th-letter-given-word/)
14. [Program to find Smallest and Largest Word in a String](https://www.geeksforgeeks.org/program-find-smallest-largest-word-string/)
15. [Count substrings with same first and last characters](https://www.geeksforgeeks.org/count-substrings-with-same-first-and-last-characters/)
16. [Recursive solution to count substrings with same first and last characters](https://www.geeksforgeeks.org/recursive-solution-count-substrings-first-last-characters/)
17. [Count of distinct substrings of a string using Suffix Array](https://www.geeksforgeeks.org/count-distinct-substrings-string-using-suffix-array/)
18. [Count of distinct substrings of a string using Suffix Trie](https://www.geeksforgeeks.org/count-distinct-substrings-string-using-suffix-trie/)
19. [Count number of strings (made of R, G and B) using given combination](https://www.geeksforgeeks.org/count-number-of-strings-made-of-r-g-and-b-using-given-combination/)
20. [Count of strings that can be formed using a, b and c under given constraints](https://www.geeksforgeeks.org/count-strings-can-formed-using-b-c-given-constraints/)
21. [Count of substrings of a binary string containing K ones](https://www.geeksforgeeks.org/count-substrings-binary-string-containing-k-ones/)
22. [Group words with same set of characters](https://www.geeksforgeeks.org/print-words-together-set-characters/)
23. [Print all distinct characters of a string in order (3 Methods)](https://www.geeksforgeeks.org/print-all-distinct-characters-of-a-string-in-order-3-methods/)
24. [Print common characters of two Strings in alphabetical order](https://www.geeksforgeeks.org/print-common-characters-two-strings-alphabetical-order-2/)
25. [Common characters in n strings](https://www.geeksforgeeks.org/common-characters-n-strings/)
26. [Find uncommon characters of the two strings](https://www.geeksforgeeks.org/find-uncommon-characters-two-strings/)
27. [Concatenated string with uncommon characters of two strings](https://www.geeksforgeeks.org/concatenated-string-uncommon-characters-two-strings/)
28. [Program to remove vowels from a String](https://www.geeksforgeeks.org/program-remove-vowels-string/)
29. [Remove consecutive vowels from string](https://www.geeksforgeeks.org/remove-consecutive-vowels-string/)
30. [Program to count vowels in a string (Iterative and Recursive)](https://www.geeksforgeeks.org/program-count-vowels-string-iterative-recursive/)
31. [Count consonants in a string (Iterative and recursive methods)](https://www.geeksforgeeks.org/count-consonants-string-iterative-recursive-methods/)
32. [Alternate vowel and consonant string](https://www.geeksforgeeks.org/alternate-vowel-consonant-string/)
33. [Given a binary string, count number of substrings that start and end with 1](https://www.geeksforgeeks.org/given-binary-string-count-number-substrings-start-end-1/)
34. [Number of distinct permutation a String can have](https://www.geeksforgeeks.org/number-distinct-permutation-string-can/)
35. [Time complexity of all permutations of a string](https://www.geeksforgeeks.org/time-complexity-permutations-string/)
36. [Permutations of a given string using STL](https://www.geeksforgeeks.org/permutations-of-a-given-string-using-stl/)
37. [Check if both halves of the string have same set of characters](https://www.geeksforgeeks.org/check-half-string-character-frequency-character/)
38. [Count words that appear exactly two times in an array of words](https://www.geeksforgeeks.org/count-words-appear-exactly-two-times-array-words/)
39. [Check if frequency of all characters can become same by one removal](https://www.geeksforgeeks.org/check-if-frequency-of-all-characters-can-become-same-by-one-removal/)
40. [Check if a string has all characters with same frequency with one variation allowed](https://www.geeksforgeeks.org/check-if-a-string-has-all-characters-with-same-frequency-with-one-variation-allowed/)
41. [Count ways to increase LCS length of two strings by one](https://www.geeksforgeeks.org/count-ways-increase-lcs-length-two-strings-one/)
42. [Find the character in first string that is present at minimum index in second string](https://www.geeksforgeeks.org/find-character-first-string-present-minimum-index-second-string/)
43. [Remove characters from the first string which are present in the second string](https://www.geeksforgeeks.org/remove-characters-from-the-first-string-which-are-present-in-the-second-string/)
44. [Length of Longest sub-string that can be removed](https://www.geeksforgeeks.org/length-longest-sub-string-can-make-removed/)
45. [Count of character pairs at same distance as in English alphabets](https://www.geeksforgeeks.org/count-characters-string-distance-english-alphabets/)
46. [Count number of equal pairs in a string](https://www.geeksforgeeks.org/number-equal-pairs-string/)
47. [Count of strings where adjacent characters are of difference one](https://www.geeksforgeeks.org/count-strings-adjacent-characters-difference-one/)
48. [Print number of words, vowels and frequency of each character](https://www.geeksforgeeks.org/print-number-words-vowels-frequency-character/)

**Subsequence & Substring:**

1. [Longest subsequence where every character appears at-least k times](https://www.geeksforgeeks.org/longest-subsequence-where-every-character-appears-at-least-k-times/)
2. [Given two strings, find if first string is a subsequence of second](https://www.geeksforgeeks.org/given-two-strings-find-first-string-subsequence-second/)
3. [Number of subsequences of the form a^i b^j c^k](https://www.geeksforgeeks.org/number-subsequences-form-ai-bj-ck/)
4. [Number of subsequences in a string divisible by n](https://www.geeksforgeeks.org/number-subsequences-string-divisible-n/)
5. [Find number of times a string occurs as a subsequence in given string](https://www.geeksforgeeks.org/find-number-times-string-occurs-given-string/)
6. [Number of subsequences as “ab” in a string repeated K times](https://www.geeksforgeeks.org/number-subsequences-ab-string-repeated-k-times/)
7. [Count of ‘GFG’ Subsequences in the given string](https://www.geeksforgeeks.org/count-gfg-subsequences-given-string/)
8. [Count Distinct Subsequences](https://www.geeksforgeeks.org/count-distinct-subsequences/)
9. [Count distinct occurrences as a subsequence](https://www.geeksforgeeks.org/count-distinct-occurrences-as-a-subsequence/)
10. [Longest common subsequence with permutations allowed](https://www.geeksforgeeks.org/longest-common-subsequence-with-permutations-allowed/)
11. [Repeated subsequence of length 2 or more](https://www.geeksforgeeks.org/repeated-subsequence-length-2/)
12. [Print all longest common sub-sequences in lexicographical order](https://www.geeksforgeeks.org/print-longest-common-sub-sequences-lexicographical-order/)
13. [Printing Longest Common Subsequence | Set 2](https://www.geeksforgeeks.org/printing-longest-common-subsequence-set-2-printing/)
14. [Given number as string, find number of contiguous subsequences which recursively add up to 9 | Set 2](https://www.geeksforgeeks.org/given-number-string-find-number-contiguous-subsequences-recursively-add-9-set-2/)
15. [Shortest Uncommon Subsequence](https://www.geeksforgeeks.org/shortest-uncommon-subsequence/)
16. [Shortest Superstring Problem](https://www.geeksforgeeks.org/shortest-superstring-problem/)
17. [Printing Shortest Common Supersequence](https://www.geeksforgeeks.org/print-shortest-common-supersequence/)
18. [Shortest possible combination of two strings](https://www.geeksforgeeks.org/shortest-possible-combination-two-strings/)
19. [A Space Optimized Solution of LCS](https://www.geeksforgeeks.org/space-optimized-solution-lcs/)
20. [Sort a string according to the order defined by another string](https://www.geeksforgeeks.org/sort-string-according-order-defined-another-string/)
21. [Shortest Common Supersequence](https://www.geeksforgeeks.org/shortest-common-supersequence/)
22. [Longest Repeating Subsequence](https://www.geeksforgeeks.org/longest-repeating-subsequence/)
23. [Find largest word in dictionary by deleting some characters of given string](https://www.geeksforgeeks.org/find-largest-word-dictionary-deleting-characters-given-string/)

[Dynamic Programming | Set 12 (Longest Palindromic Subsequence)](https://www.geeksforgeeks.org/dynamic-programming-set-4-longest-common-subsequence/)

**Occurrence Based String:**

1. [Given a string, find its first non-repeating character](https://www.geeksforgeeks.org/given-a-string-find-its-first-non-repeating-character/)
2. [Print all permutations with repetition of characters](https://www.geeksforgeeks.org/print-all-permutations-with-repetition-of-characters/)
3. [Find the first non-repeating character from a stream of characters](https://www.geeksforgeeks.org/find-first-non-repeating-character-stream-characters/)
4. [Convert to a string that is repetition of a substring of k length](https://www.geeksforgeeks.org/convert-string-repetition-substring-k-length/)
5. [Smallest length string with repeated replacement of two distinct adjacent](https://www.geeksforgeeks.org/smallest-length-string-with-repeated-replacement-of-two-distinct-adjacent/)
6. [Distributing all balls without repetition](https://www.geeksforgeeks.org/distributing-all-balls-without-repetition/)
7. [Maximum consecutive repeating character in string](https://www.geeksforgeeks.org/maximum-consecutive-repeating-character-string/)
8. [Minimum number of deletions so that no two consecutive are same](https://www.geeksforgeeks.org/queue-based-approach-for-first-non-repeating-character-in-a-stream/)
9. [K’th Non-repeating Character](https://www.geeksforgeeks.org/kth-non-repeating-character/)
10. [Find repeated character present first in a string](https://www.geeksforgeeks.org/find-repeated-character-present-first-string/)
11. [Find the first repeated word in a string](https://www.geeksforgeeks.org/find-first-repeated-word-string/)
12. [Find the first repeated character in a string](https://www.geeksforgeeks.org/find-the-first-repeated-character-in-a-string/)
13. [Second most repeated word in a sequence](https://www.geeksforgeeks.org/second-repeated-word-sequence/)
14. [Most frequent word in an array of strings](https://www.geeksforgeeks.org/frequent-word-array-strings/)
15. [Efficiently find first repeated character in a string without using any additional data structure in one traversal](https://www.geeksforgeeks.org/efficiently-find-first-repeated-character-string-without-using-additional-data-structure-one-traversal/)
16. [Queries for characters in a repeated string](https://www.geeksforgeeks.org/queries-for-characters-in-a-repeated-string/)
17. [Return maximum occurring character in an input string](https://www.geeksforgeeks.org/return-maximum-occurring-character-in-the-input-string/)
18. [Generate two output strings depending upon occurrence of character in input string.](https://www.geeksforgeeks.org/generate-two-output-strings-depending-upon-occurrence-character-input-string/)
19. [Print characters and their frequencies in order of occurrence](https://www.geeksforgeeks.org/print-characters-frequencies-order-occurrence/)
20. [Program to count occurrence of a given character in a string](https://www.geeksforgeeks.org/program-count-occurrence-given-character-string/)
21. [Check if all occurrences of a character appear together](https://www.geeksforgeeks.org/check-occurrences-character-appear-together/)
22. [Group all occurrences of characters according to first appearance](https://www.geeksforgeeks.org/group-occurrences-characters-according-first-appearance/)
23. [Print the string by ignoring alternate occurrences of any character](https://www.geeksforgeeks.org/print-string-ignoring-alternate-occurrences-character/)
24. [Print the string after the specified character has occurred given no. of times](https://www.geeksforgeeks.org/print-string-specified-character-occurred-given-no-times/)
25. [Find all occurrences of a given word in a matrix](https://www.geeksforgeeks.org/find-all-occurrences-of-the-word-in-a-matrix/)
26. [Replace all occurrences of string AB with C without using extra space](https://www.geeksforgeeks.org/replace-occurrences-string-ab-c-without-using-extra-space/)
27. [Rearrange a binary string as alternate x and y occurrences](https://www.geeksforgeeks.org/rearrange-binary-string-alternate-x-y-occurrences/)
28. [Remove recurring digits in a given number](https://www.geeksforgeeks.org/remove-recurring-digits-in-a-given-number/)
29. [Find the most frequent digit without using array/string](https://www.geeksforgeeks.org/find-the-most-frequent-digit-without-using-arraystring/)

**Spacing:**

1. [Remove spaces from a given string](https://www.geeksforgeeks.org/remove-spaces-from-a-given-string/)
2. [Move spaces to front of string in single traversal](https://www.geeksforgeeks.org/move-spaces-front-string-single-traversal/)
3. [Put spaces between words starting with capital letters](https://www.geeksforgeeks.org/put-spaces-words-starting-capital-letters/)
4. [Removing spaces from a string using Stringstream](https://www.geeksforgeeks.org/removing-spaces-string-using-stringstream/)
5. [Remove extra spaces from a string](https://www.geeksforgeeks.org/remove-extra-spaces-string/)
6. [URLify a given string (Replace spaces is %20)](https://www.geeksforgeeks.org/urlify-given-string-replace-spaces/)
7. [String containing first letter of every word in a given string with spaces](https://www.geeksforgeeks.org/string-containing-first-letter-every-word-given-string-spaces/)
8. [Print all possible strings that can be made by placing spaces](https://www.geeksforgeeks.org/print-possible-strings-can-made-placing-spaces-2/)
9. [Print all possible strings that can be made by placing spaces](https://www.geeksforgeeks.org/print-possible-strings-can-made-placing-spaces/)

**Anagram:**

1. [Check whether two strings are anagram of each other](https://www.geeksforgeeks.org/check-whether-two-strings-are-anagram-of-each-other/)
2. [Given a sequence of words, print all anagrams together | Set 2](https://www.geeksforgeeks.org/given-a-sequence-of-words-print-all-anagrams-together-set-2/)
3. [Anagram Substring Search](https://www.geeksforgeeks.org/anagram-substring-search-search-permutations/)
4. [Print all pairs of anagrams in a given array of strings](https://www.geeksforgeeks.org/print-pairs-anagrams-given-array-strings/)
5. [Remove minimum number of characters so that two strings become anagram](https://www.geeksforgeeks.org/remove-minimum-number-characters-two-strings-become-anagram/)
6. [Check if two strings are k-anagrams or not](https://www.geeksforgeeks.org/check-two-strings-k-anagrams-not/)
7. [Check if binary representations of two numbers are anagram](https://www.geeksforgeeks.org/check-binary-representations-two-numbers-anagram/)
8. [Given a sequence of words, print all anagrams together using STL](https://www.geeksforgeeks.org/given-a-sequence-of-words-print-all-anagrams-together-using-stl/)
9. [Check if all levels of two trees are anagrams or not](https://www.geeksforgeeks.org/check-if-all-levels-of-two-trees-are-anagrams-or-not/)
10. [Count of total anagram substrings](https://www.geeksforgeeks.org/count-total-anagram-substrings/)
11. [Minimum Number of Manipulations required to make two Strings Anagram Without Deletion of Character](https://www.geeksforgeeks.org/minimum-number-of-manipulations-required-to-make-two-strings-anagram-without-deletion-of-character/)

**Palindrome:**

1. [C Program to Check if a Given String is Palindrome](https://www.geeksforgeeks.org/c-program-check-given-string-palindrome/)
2. [Check if a given string is a rotation of a palindrome](https://www.geeksforgeeks.org/check-given-string-rotation-palindrome/)
3. [Check if characters of a given string can be rearranged to form a palindrome](https://www.geeksforgeeks.org/check-characters-given-string-can-rearranged-form-palindrome/)
4. [Dynamic Programming | Set 28 (Minimum insertions to form a palindrome)](https://www.geeksforgeeks.org/dynamic-programming-set-28-minimum-insertions-to-form-a-palindrome/)
5. [Longest Palindromic Substring | Set 2](https://www.geeksforgeeks.org/longest-palindromic-substring-set-2/)
6. [Find all palindromic sub-strings of a given string](https://www.geeksforgeeks.org/find-palindromic-sub-strings-given-string-set-2/)
7. [Online algorithm for checking palindrome in a stream](https://www.geeksforgeeks.org/online-algorithm-for-checking-palindrome-in-a-stream/)
8. [Given a string, print all possible palindromic partitions](https://www.geeksforgeeks.org/given-a-string-print-all-possible-palindromic-partition/)
9. [Print all palindromic partitions of a string](https://www.geeksforgeeks.org/print-palindromic-partitions-string/)
10. [Dynamic Programming | Set 17 (Palindrome Partitioning)](https://www.geeksforgeeks.org/dynamic-programming-set-17-palindrome-partitioning/)
11. [Count All Palindromic Subsequence in a given String](https://www.geeksforgeeks.org/count-palindromic-subsequence-given-string/)
12. [Minimum characters to be added at front to make string palindrome](https://www.geeksforgeeks.org/minimum-characters-added-front-make-string-palindrome/)
13. [Palindrome Substring Queries](https://www.geeksforgeeks.org/palindrome-substring-queries/)
14. [Suffix Tree Application 6 – Longest Palindromic Substring](https://www.geeksforgeeks.org/suffix-tree-application-6-longest-palindromic-substring/)
15. [Palindrome pair in an array of words (or strings)](https://www.geeksforgeeks.org/palindrome-pair-in-an-array-of-words-or-strings/)
16. [Make largest palindrome by changing at most K-digits](https://www.geeksforgeeks.org/make-largest-palindrome-changing-k-digits/)
17. [Lexicographically first palindromic string](https://www.geeksforgeeks.org/lexicographically-first-palindromic-string/)
18. [Recursive function to check if a string is palindrome](https://www.geeksforgeeks.org/recursive-function-check-string-palindrome/)
19. [Minimum number of Appends needed to make a string palindrome](https://www.geeksforgeeks.org/minimum-number-appends-needed-make-string-palindrome/)
20. [Longest Non-palindromic substring](https://www.geeksforgeeks.org/longest-non-palindromic-substring/)
21. [Minimum number of deletions to make a string palindrome](https://www.geeksforgeeks.org/minimum-number-deletions-make-string-palindrome/)
22. [Minimum steps to delete a string after repeated deletion of palindrome substrings](https://www.geeksforgeeks.org/minimum-steps-to-delete-a-string-after-repeated-deletion-of-palindrome-substrings/)
23. [Count of Palindromic substrings in an Index range](https://www.geeksforgeeks.org/count-of-palindromic-substrings-in-an-index-range/)
24. [Minimum insertions to form a palindrome with permutations allowed](https://www.geeksforgeeks.org/minimum-insertions-to-form-a-palindrome-with-permutations-allowed/)
25. [Nth Even length Palindrome](https://www.geeksforgeeks.org/nth-even-length-palindrome/)