String

Intermediate Level Questions:

1. **Write a Code to check whether one string is a rotation of another**
   [Practice here: https://www.geeksforgeeks.org/a-program-to-check-if-strings-are-rotations-of-each-other/]

2. **Write a program to remove Duplicate characters from the String.**
   [Follow here: https://www.geeksforgeeks.org/remove-duplicates-from-a-given-string/]

3. **Write a Program to check whether a string is a valid shuffle of two strings or not.**
   [Follow here: https://www.geeksforgeeks.org/check-whether-a-given-string-is-an-interleaving-of-two-other-given-strings/]

4. **Write a program to find the longest Palindrome in a string.[Lonest palindromic Substring]**
   [Practice here: https://practice.geeksforgeeks.org/problems/longest-palindrome-in-a-string/0]

5. **Find Longest Recurring Subsequence in String.**
   [Practice here: https://practice.geeksforgeeks.org/problems/longest-repeating-subsequence/0]

6. **Print all Subsequences of a string.**
   [Follow here: https://www.geeksforgeeks.org/print-subsequences-string/]

7. **Print all the permutations of the given string**
   [Practice here: https://practice.geeksforgeeks.org/problems/permutations-of-a-given-string/0]

8. **Split the Binary string into two substring with equal 0's and 1's.**
   [Follow here: https://www.geeksforgeeks.org/split-the-binary-string-into-substrings-with-equal-number-of-0s-and-1s/]

9. **Rearrange characters in a string such that no two adjacent are same**
   [Practice here: https://practice.geeksforgeeks.org/problems/rearrange-_characters/0]

10. **Write a program to find the smallest window that contains all characters of string itself.**
[Practice here: https://practice.geeksforgeeks.org/problems/smallest-distant-window/0]

11. **Number of Substrings with count of each character as "K".**

12. **Find the longest common subsequence between two strings.**
[Practice here: https://practice.geeksforgeeks.org/problems/longest-common-subsequence/0]

13. **Word Wrap Problem [VERY IMP].**
[Practice here: https://practice.geeksforgeeks.org/problems/word-wrap/0]

14. **Program to generate all possible valid IP addresses from given string.**
[Follow here: https://www.geeksforgeeks.org/program-generate-possible-valid-ip-addresses-given-string/]

15. **EDIT Distance [Very Imp]**
[Practice here: https://practice.geeksforgeeks.org/problems/edit-distance/0]

16. **Find next greater number with same set of digits. [Very Very IMP]**
[Practice here: https://practice.geeksforgeeks.org/problems/next-permutation/0]

17. **Try your hands on all these conversions:**
- ➔ Prefix to Infix
- ➔ Prefix to Postfix
- ➔ Postfix to prefix
- ➔ Postfix to infix

[Follow link: https://www.geeksforgeeks.org/prefix-infix-conversion/]

18. **Convert a Sentence into its equivalent mobile numeric keypad sequence.**
[Follow here: https://www.geeksforgeeks.org/convert-sentence-equivalent-mobile-numeric-keypad-sequence/]

19. **Balanced Parenthesis problem.[Imp]**
[Practice here: https://practice.geeksforgeeks.org/problems/parenthesis-checker/0]

20. **Minimum number of swaps for bracket balancing.**
[Practice here: https://practice.geeksforgeeks.org/problems/minimum-swaps-for-bracket-balancing/0]

21. **Minimum number of bracket reversals needed to make an expression balanced.**

[Practice here: https://practice.geeksforgeeks.org/problems/count-the-reversals/0]

22. **Word break Problem[Very Imp]**

[Practice here: https://practice.geeksforgeeks.org/problems/word-break/0]

23. **Minimum rotations required to get the same string.**

[Follow here: https://www.geeksforgeeks.org/minimum-rotations-required-get-string/]

24. **Find the first repeated word in string.**

[Practice here: https://practice.geeksforgeeks.org/problems/second-most-repeated-string-in-a-sequence/0]

25. **Efficiently find first repeated character in a string without using any additional data structure in one traversal**

[Practice here : https://practice.geeksforgeeks.org/problems/find-first-repeated-character/0]

26. **Count All Palindromic Subsequence in a given String.**

[Practice here: https://practice.geeksforgeeks.org/problems/count-palindromic-subsequences/1]

27. **Number of flips to make binary string alternate**

[Practice here: https://practice.geeksforgeeks.org/problems/min-number-of-flips/0]

28. **Count of number of given string in 2D character array**

[Follow here: https://www.geeksforgeeks.org/find-count-number-given-string-present-2d-character-array/]

29. Search a Word in a 2D Grid of characters.

[Practice here: https://practice.geeksforgeeks.org/problems/find-the-string-in-grid/0]

30. Boyer Moore Algorithm for Pattern Searching.

[Follow here: https://www.geeksforgeeks.org/boyer-moore-algorithm-for-pattern-searching/]