Basic Que on Character-Array [See Notes]

1. Char Array Understanding
2. Iterating in Char Array
3. CharArray UserInput [cingetline]
4. Find Length
5. Check Palindromic String
6. Handling Numbers and Strng
7. Largest N string
8. Remove Consecutive duplicates
9. Rotate string by D places
10. Count Frequency
11. Longest Substring with K- Unique Characters
12. Concatenate and Compare in Char-Array

Basic Que on String [See Notes]

1. String Stl Intro
2. Compare String with Char-Array and Int-Array
3. UserInput
4. Compare Strings
5. Array of String
6. Sort in array
7. Understand function and string
8. Ternary Operator
9. Truncate String

Palindrome

Similar Questions	Difficulty Level
1.Valid Palindrome	Easy
2.Valid Palindrome II	Easy
3.Longest Palindromic Substring	Medium

Isomerphic : Common Prefix

Similar Questions	Difficulty Level
1.Longest Common Prefix	Easy
2.Isomorphic Strings	Easy
3.Word Pattern	Easy

Reverse String

Similar Questions	Difficulty Level
1.Reverse Words in a String	Medium

Rotate String

Similar Questions	Difficulty Level
1.Rotate String	Easy
2.Left and Right Rotation of string.	Easy

String To Integer and Vice Versa

Similar Questions	Difficulty Level
1.Roman to integer	Easy
2.Integer to Roman	Medium
3.String to Integer (atoi)	Medium
4.Integer to English Words	Hard

Arithmetics On String

Similar Questions	Difficulty Level
1.Largest Odd Number in String	Easy
2.Largest 3-Same-Digit Number in String [+Fixed-Sized-Sliding-Win]	Easy
3.Add String	Easy
4.Sum of Beauty of All Substring	Medium
5.Multiply Strings	Medium
6.Basic Calculator [+stack ,+recursion]	Hard
7.Basic Calculator II [+stack]	Medium

String : Anagram

Similar Questions	Difficulty Level
1.Valid Anagram	Easy
2.Find All Anagrams in a String	Medium
3.Permutation in String	Medium
4.Find Resultant Array After Removing Anagrams	Easy
5.Group Anagrams	Medium
6.Count Anagrams	Hard

Remaining Question

Similar Questions	Difficulty Level
1.Find the Index of the First Occurrence in a String	Easy
2.Simplify Path	Medium
3.Zigzag Conversion	Medium
4.Sort Character BY Frequency	Medium
5.Text Justification	Hard

String Searching/Matching Using Trie

Application
-Text Search:
-Plagiarism Detection:
-Spell Checkers:
-Finding occurrences of a pattern (substring).

Belows algorithms are primarily used for string matching and string searching.
It is a popular algorithm for finding occurrences of a pattern (substring)
within a text (string) efficiently.

Algorithms :
1.Rabin-Karp Algorithm (Rolling Hash)
2.KNuth-Morris-Pratt (Prefix-Function)
3.Z-Function (Alternate to KMP algo.)
4.Manachar's Algorithm (Palindrome-Searching-Algo)
=>To find the longest palindromic substring within a given text or string.
