

1. Print a string in reverse order
2. Reverse a String
3. check if a String is Palindrome?
4. count number of words in a String (with / without split function)
5. Program to check if two strings are same or not (without using inbuilt function .equals())
6. Update a character in a string (without using .replace() function)
7. Sort a string of lowercase
8. Print frequency of all the characters in string
9. Remove Vowels from a String
10. Remove All Digits
11. Reverse Words internally in a String // eg. good evening -> doog gnineve
12. find duplicate chars from string
13. Merge two Strings of same length Alternatively
14. Check if all words are palindrome // madam eye nitin
15. Check if string have equal digits and chars // hello12387
16. Remove duplicate chars from string // hoelloo -> helo

<https://leetcode.com/problems/check-if-two-string-arrays-are-equivalent/>

<https://leetcode.com/problems/truncate-sentence/>

<https://leetcode.com/problems/find-first-palindromic-string-in-the-array/>

<https://leetcode.com/problems/counting-words-with-a-given-prefix/>

<https://leetcode.com/problems/maximum-number-of-words-found-in-sentences>

New programs

<https://leetcode.com/problems/faulty-keyboard/description/>

<https://leetcode.com/problems/replace-all-digits-with-characters/description/>

## Assignment

1. Swap two strings of same size without using third string

TC  $O(n)$ , ASC  $O(n)$

2. Convert a string into an integer without using Integer.parseInt() function

TC  $O(n)$ , ASC  $O(1)$

Ex "123" -> 123.

3. Check if two strings are permuting each other or not?

TC  $O(n)$ , ASC  $O(1)$

Ex s1="abac" s2="aabc" -> true

s1="abac" s2="abc" -> false

4. Pattern: PROMGRAM

P

PR

PRO

PROG

PROGR

PROGRA

PROGRAM

5. Given two char array: {'5', '2', '3'} and {'1', '6', '2'}, sum both the string

Output: 685