

## Top 20 Must-Do String Coding Questions

1. Check if a given string is a palindrome.
2. Reverse a given string without using built-in functions.
3. Determine if two strings are anagrams of each other.
4. Find the first non-repeating character in a string.
5. Remove all duplicate characters from a string.
6. Implement strstr() function to search for a substring.
7. Convert a string to an integer (implement atoi).
8. Find the longest common prefix among an array of strings.
9. Count the number of vowels and consonants in a string.
10. Compress a string (e.g., aabcccccaaa -> a2b1c5a3).
11. Check if a string contains only digits.
12. Convert the first letter of each word in a string to uppercase.
13. Find the longest palindromic substring in a string.
14. Count all the substrings of a string that are palindromes.
15. Replace all spaces in a string with '%20'.
16. Check if two strings are one edit distance apart.
17. Implement a basic pattern matcher with '.' and '\*'.
18. Find the smallest window in a string containing all characters of another string.
19. Check if a string is a rotation of another string.
20. Remove characters from the first string which are present in the second string.