

Assignment 4

1. Write a C program to find length of a string.
2. Write a C program to copy one string to another string.
3. Write a C program to concatenate two strings.
4. Write a C program to compare two strings.
5. Write a C program to find reverse of a string.
6. Write a C program to find the name in the 2D array matrix.
7. Write a C program to check whether a string is palindrome or not.
8. Write a C program to find highest frequency character in a string.
9. Write a C program to convert a user-input string to uppercase.
10. Create a C program where the user enters two strings, and the program checks if the second string is a substring of the first string.
11. Implement a C program that reads a sentence from the user and counts the number of words in the sentence.
12. Write a C program that takes a sentence as input and displays each word on a new line.
13. Write a C program that asks the user for a string and then prints the frequency of each character that appears in the string.
14. Create a C program that reads a sentence from the user and finds the longest word in the sentence. Print the longest word and its length.
15. Write a C program that allows the user to input a string, a character to replace, and a character with which to replace it.
16. Write a program that sorts the characters in a string alphabetically.
17. Write a program to Print and remove duplicate characters from a string.
18. Write a program to check if two strings are anagrams of each other.
19. Write a program to find the first non-repeating character and position in a string.
20. Write a program to find the longest palindromic substring in a given string.