

Assignment No. –

String Handling

Write a program in 'C' to perform the following tasks without using any library functions:

1. Accept a string from keyboard and display it.
2. Count the number of alphabets, digits and special characters present in a string.
3. Count the number of characters, words and blank spaces in a string.
4. Replace the spaces present in a string with a specific character '#'.
5. Split a string into words whenever any space is found in it.
6. Print all duplicate letters present in a given word and then remove them.
7. Enter a string and convert the vowels into uppercase characters.
8. Check whether the given string is palindrome or not.
9. Check whether a given character is present in a string or not.
10. Find the largest and smallest words present in a string.
11. Check whether a given string is a sub-string of another string and count the number of occurrences of the sub-string.
12. Write a menu driven program for the following both by using and not using library functions:
 - i) Find the length of a string.
 - ii) Concatenate the first name and last name of a person and print the full name.
 - iii) Print individual characters of a string in reverse order.
 - iv) Compare two strings.
 - v) Copy one string to another.
 - vi) Convert the first name of a person into uppercase and last name into lowercase.

Signature of the Teacher