

ICP Lab Assignment 7

Q1. Write a c program to find the frequency of character (entered by the user) in a string.

Q2. Write a c program to remove all the character from the string except the vowels.

Q3. Write a program in C to count the no of vowels, consonants, digits and white spaces from the string.

Q4. Perform the following functions:

1. strlen(string name) - Give the length of the string

2. strlwr(string name) – convert the whole string into lower case

3.strupr(string name) - convert the whole string into upper case

4. strcpy(string1, string2)- copy string 2 into string 1

5. strcat(string1,string2)- append string 2 at the last of the string1.

6. strcmp(string1, string2) – compare two strings and if both are same then return zero otherwise return the difference of the first mismatch character

7. strrev(string name)- reveres the string

8. strncpy(string1, string2, n)- copy left n character of string 2 into string 1

9. strncat(string1,string2, n)- append left n character of string 2 at the last of the string1.

10. strncmp(string1, string2, n) – compare left n character of string 2 with string 1 and if both are same then return zero otherwise return the difference of the first mismatch character.

11. strcmpi(string1, string2) – compare two strings without the regard to case (i denotes that this function ignores case)

12. strnicmp(string1, string2,n)- compare first n character of strings without the regard to case (i denotes that this function ignores case)

13. strset(string name, 'character')- set all character of a string to the given character.

14. strnset(string name, 'character',n)- set first n character of a string to the given character.

