Experiment No. 7

Aim: Implement various text processing problems.

Common:
1) Write a program to count the number of vowels, consonants, total characters and words in the given string.

2) Write a Menu driven Program to i)copy one string to another one by one character.
                        ii) Find the string length
                       iii) compare two strings
                       iv) reverse the string
                       v) Concatenate one string to another string.
                       vi) lower case to upper

 (Do not use library functions)

Batchwise Programs
Batch 1. Write a program to remove all the characters from string except for the alphabets. (Remove Blank, spaces, digits, special char. etc..)
 i/p   abcd123fff_)))))99999yy
 o/p   abcdfffyy

Batch 2. Write a program to delete all repeated words in string.

Input: welcome to C programming class , welcome again to C class !
Output: welcome to C programming class , again !

Batch 3: Write a program to find and replace a particular word from the string.
Input: I LOVE CANADA BECAUSE CANADA IS A GREAT COUNTRY
Word to Find : CANADA   Word to replace :INDIA
Output:I LOVE INDIA BECAUSE INDIA IS A GREAT COUNTRY

Batch 4: Write a program which reads a piece of text and outputs any palindromes that it contains.
Input: I AM SURE THE DEED IS ON THE LEVEL MADAM
Output: I DEED LEVEL MADAM