National College of Computer Studies (NCCS)

BIM First Semester: C programming lab sheet 6

1. WAP to take input a line, and then display it character wise.
2. WAP that will enter a line of text, store it in an array and then display it backwards. 3. WAP that will examine how many characters are letters, how many are digits, how many are white space characters in a line.
4. WAP that will examine each character in character type array and determine how many vowels and consonants are there.
5. WAP that will examine each character in character type array and count how many 'a' characters are there.
6. WAP that will examine each character in character type array and count how many words are there. 7. WAP that will ask to input a sentence and print the result by replacing the appearance of "an" word with "##".
8. WAP that will examine each character in character type array called text and print out the result by converting the lowercase letter to uppercase and vice versa.
9. WAP that will examine each character in character type array called text and print result by replacing all the vowels by "*" character.
10. WAP that accepts a sentence of words and counts number of words that a sentence has then display each words of the sentence in different lines.
11. WAP to find whether a given word is present in a given sentence or not.
12. WAP that will take an integer of four digit and display individual number in words. 13. WAP that takes a string from the user and convert the string into uppercase if the first character is lowercase and vice versa.
14. WAP to determine the whether the given word is palindrome or not.
15. WAP to perform the following operations on the strings using <string.h> header file.
    a. Count the number of character in the string.
    b. Concatenate the one string to another string.
    c. Copy the one string to another.
    d. Swap the two strings to each other.
    e. Compare the two strings.
16. WAP to sort a list of strings alphabetically using a two-dimensional character array

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