

## LAB-13

### Arrays – Strings

(Write all programs without using library functions)

1. WAP to count consonants and vowels available in a given string.
2. WAP to check given word is present in a string or not.
3. WAP to changing string into lowercase.
4. WAP to reverse a string.
5. WAP to copy a string into another empty string.
6. WAP to concatenate two strings.
7. WAP to find length of a given string.
8. WAP to compare two strings.
9. Using programs 5 to 8 now write a menu-driven program which copies a string, concatenates a string, to finds length of a given string, to compares two strings.
10. Write a program that replaces two or more consecutive blanks in a string by a single blank.  
For example, if the input is:  
*Grim return to the planet of apes!!*  
The output should be:  
*Grim return to the planet of apes!!*
11. Write a program that converts a string like "124" to an integer 124.
12. Write a program to delete all vowels from a sentence. Assume that the sentence is not more than 80 characters long.
13. Write a program that will read a line and delete from it all occurrences of the word 'the'.