

MSc. CSA (First Semester)
C and JAVA Lab
ASSIGNMENT – 4

Write a C Program to:

1. Read any String and display it.
2. Input a string and display the length of the string without using strlen() function.
3. Compare two strings without using strcmp() function.
4. Copy one string into another without using strcpy() function.
5. Concatenate one string into another without using strcat() function.
6. Check whether an input string is palindrome or not.
7. Count and display the frequency of a character in the string.
8. Count the number of vowels and consonants present in the string.
9. Show the implementation of string library functions:
 - a) strlen()
 - b) strcat()
 - c) strcpy()
 - d) strcmp()
 - e) strncat()
 - f) strncmp()