PPS LAB – V

1. Write a C program to perform the basic Matrix operations
    i) Addition
    ii) Subtraction
    iii) Multiplication
    iv) Transpose.

2. Write a C program that searches for the element in the list (possibly integer array) using following searching techniques.
Output number of comparisions made in each Technique.
   i) Linear Search
   ii) Binary Search

3. Write a C program that reads N integer numbers and arrange them in ascending order using following sorting Techniques, and print the list after every PASS in all sorting Techniques.
Output Total number of swappings in each Technique.

   i) Bubble Sort
   ii) Selection sort
   iii) Insertion sort

4. Write a C program to count the lines, words and characters in a given text

5. Write a User defined functions for the following predefined functions from <string.h >
    i) strcat()
    ii) strcpy()
    iii) strcmp()
    iv) strrev()
    v) strlwr()
    vi) strupr()
    vii)strlen()