

ICP lab Assignment 12(A)

Q1. Write a C program to sort an integer array using pointer.

Q2. Using pointer, write a function that receives a character string and a character as argument. Delete all occurrences of this character in the string. The function should return corrected string with no holes.

Q3. Write a menu driven program through functions using pointer for performing following operations on strings. Do not use any inbuilt function.

- (a) Compute the length of string and print it in main function.
- (b) Display a string in reverse order.
- (c) Concatenate two strings.
- (d) Copy contents of one string to another string.
- (e) Compare two strings.

Q4. Write a C program using pointers representation of 2D array, to find the product of two matrices A and B. Display the source matrices and product matrix C in matrix format.

Q5. Write a C program using pointers representation of 2D array, to find whether a given matrix is a triangular matrix or not.

Q6. Write a function to compute the LCM of 'n' user input numbers. The function arguments are pointers.