

Practical Assignment

Data Structures and Algorithms Lab (CS 253)

August 10, 2022

Assignment II

Write a C++ program :

- I. To add two numbers using pointers.
- II. To find the maximum number between two numbers using a pointer.
- III. To store n elements in an array and print the elements using pointer.
- IV. To print all permutations of a given string using pointers
- V. To Calculate the length of the string using a pointer.
- VI. To find the factorial of a given number using pointers.

Assignment II (Continued)

Write a C++ program :

- VII. To count the number of vowels and consonants in a string using a pointer.
- VIII. To compute the sum of all elements in an array using pointers.
- IX. To print a string in reverse using a pointer.
- X. To multiply two 3x3 matrices using pointers.
- XI. To demonstrate the working of bubble sort.
- XII. To demonstrate the working of insertion sort.