Lab 09 Tasks

Q1. Write a program where the main function will take an integer number as input. The main function will then pass the value to another function which will print the digits of the number from left to write. Write another program that will print the digits from right to left.

Q2. Write a program where the main function will declare a character array. Pass the array to another function which can only store a single value in the array. Now call the function recursively to store value in each of the positions of the array. Finally print the array in the main function.

Q3. Write a program where the main function will take an integer number as input. The program will also contain another function that will recursively calculate the sum of the digits of the number and return the sum to the main function. Finally print the sum in the main function.

Q4. Write a program where the main function will take an integer number as input. The program will also contain another function that will recursively calculate factorial of the number and return the factorial to the main function. Finally print the factorial in the main function.