

CS102 - Lab 1 - 21/04/2023

problem1

Write a C program to illustrate the Stack operations such as Push, Pop, and Display. The program should be menu driven.

problem2

Write a C program to reverse a given string using Stack with suitable operations.

problem3

Write a C program to identify whether a given string is Palindrome or not using the stack.

problem4

Write a C program to read 5 integer numbers into a Stack of size 10. The program should be able compute the sum, average, maximum and minimum of the numbers in the stack and store them in the stack at subsequent positions (LIFO order) respectively.

problem5

Write a C program to sort the given numbers using the Stack.