### CS102 - Lab 11 - 12/07/2023

#### problem1

Design a C program to sort the elements of an array using the *Selection sort* technique.

# problem2

Design a C program to sort the elements of an array using the *Insertion sort* technique.

## problem3

Design a C program to sort the elements of an array using the *Merge sort* technique.

### problem4

Design a program that performs searching and sorting operations on an array of elements. The program should take an array of N elements as the input, search for a specific element within the array and return its index if found, or indicate if it is not present and sort the array in descending order.