

LAB ASSIGNMENT 5

Write a Menu Driven Program in C to implement the following searching and sorting algorithms on an array of integers using functions by passing array and its size to function. Populate the array elements using rand().

Searching Algorithms:

1. Linear Search
2. Binary Search

Sorting Algorithms:

1. Insertion Sort
2. Bubble Sort
3. Selection Sort

Define a separate functions for each of the algorithms. Implement the logic of Searching and Sorting in two different files and include them as header in main file.