



United International University

Department of Computer Science and Engineering

CSI 218/ CSE 2216 (B): Data Structure Laboratory/Data
Structure and Algorithms I Laboratory

Trimester: Summer 2022

Online 1, Total Marks: 10, Total Time: 30 minutes

Any examinee found adopting unfair means will be expelled from the trimester/program as per UIU disciplinary rules. No Submission will be allowed after the given time.

You are given an array of n integers, where n is the size of the array. In addition, you are given a key to check whether the element is present in the array or not. Moreover, you are given a Boolean value named *isSorted* which state whether the given array is sorted or not. If the value of *isSorted* is **true**, then the array is sorted.

Download the file online1.cpp from lms, and complete the **Search** function there. Finally, rename the file as your student ID, and submit it within the time.

If your student ID is 011181076, then rename the filename as 011181076.cpp, and submit it in lms.

Your evaluation will be done based on the **optimality** of your solution.