



United International University

Department of Computer Science and Engineering

CSI 218/ CSE 2216 (A): 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 and via email. In addition, you are not allowed to use any library function in any language for this online.

You are given an array of n integers, where n is the size of the array. In addition, you are given an integer K . You need to find out the K^{th} minimum number from the array. Please note that every element in the array is unique and can have negative elements as well.

You can use any sorting or searching technique taught in the class, but your evaluation will be done based on the **optimality** of your solution.

Download the file `online1.cpp` from lms, and complete the **FindKthMinimum** function there. Finally, rename the file as your student ID, and submit it within the time. **You don't need to change anything in the main function.**

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