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

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 **Kth 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.