Algoma University

School of Computer Science and Technology

COSC 2007 Data Structures II (Lab)

Assignment 2

Date of Lab: Jan 24, 2024

1. Write a Java program to do the following set of actions:

   a. Get the size of an array from the user and store it to a variable 'n'.
   b. Get the elements of the array of size 'n' from the user.
   c. Get the number to be checked from the user.
   d. Print all the quadruplets in an array with a sum less than or equal to a given number

   Sample output:

   n=10

   numbers=[1,3,5,7,9,6,3,11,17,10]

   sum=20

   Quadruplet=(1,3,6,10)

   (1,3,7,9)

   Note:

   Check the due dates and evaluation method in the Moodle assignment page.

Submission Instruction:

1. Name the Java program as YourFullName_Question_Number.

2. After finishing the program, take a screenshot of the code and the output.

Please note that the screenshots should be the entire screen ie., including the Windows system date and time.

3. Paste the screenshots in a document and upload it either as a doc or a pdf file.