

**COM1002**  
**COMPUTER PROGRAMMING 2**  
**Spring 2020-21 Term**

**LAB2 Quiz**

**Assoc. Prof. Dr. Hacer Yalim Keleş**

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**Date: 19/03/2021**

**Duration: 90 minutes**

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Write a C program that computes the **maximum**, **minimum**, **sum** and **average** of **3 integers**. This program reads 3 integers and a character that specifies the math operation (**x** for maximum, **m** for minimum, **s** for sum, **a** for average) from command prompt and prints the result of the operation. The input/output format is provided below.

The output should be printed in *integer format* for **x**, **m** and **s** operations; but in *floating point format* for average (**a**) operation. Floating points must be printed in *2 digits precision* after the decimal point (See Hint below).

**Input:** <number 1>[space] <number 2>[space] <number 3>[space] <operation>

**Output:** <computed value>

**Example 1:**

>15 3 28 m

>3

**Example 2:**

>20 32 4 s

>56

**Example 3:**

>20 32 4 a

>18.67

**Hint:** %.2f format specifier prints 2 digit precision for floating point numbers.

**Warning:** Your source codes will be scanned by a program for cheating. Any form of cheating is forbidden. Please write your own source codes and submit that!

**Submission:** Your source code will be named using your student ID: <student-id>.c

Ex: if your id is 1123456 than you should name your source code like this: 1123456.c

Please, PAY ATTENTION TO THE I/O FORMAT!

Good Luck ☺