ANKARA UNIVERSITY
COM101B
Fall 2017-18 Term
LAB2 Sample – Take Home

Date: 11/10/2017

Deadline: 12/10/2017, 23:55

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 <u>maximum</u>, **m** for <u>minimum</u>, **s** for <u>sum</u>, **a** for <u>average</u>) from command prompt and prints the result of the operation. The input/output fomat is provided below.

Result 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 sourcce 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 ☺