# Homework #3-2 ab - (2 parts)

# HW\_3-2a

**Write a program and include the following:**

* Ask the user to input five integers from the keyboard.
* Output each of the five numbers to the screen.
* Each number should be on a separate line (see output below), and all should be

indented 10 spaces (the right-most digit should be ten spaces from the left margin).

* Then calculate the sum of the numbers and output it to the screen.
* Then calculate and output the average of the five numbers.
  + Input some dummy numbers to see if your average is correct.
    - Note: The average should be a decimal number because integer

division truncates the remainder.

* + If the average is not correct, what can you change integer values to float or

double, just for calculating the average? (typecast)

* Format the output so that the average is displayed with two decimal places to the

right of the decimal place.

**/\* OUTPUT**

Enter five integers:

2

5

66 These 5 numbers entered by the user are read in and stored in variables.

32

433

The five integers you entered are:

2

5

66 The numbers are right aligned.

32

433

The sum of the five numbers is 538.

The average of the five numbers is 107.60.

Press any key to continue \*/

# HW\_3-2b

**Write a program and include the following:**

* Ask the user to enter his or her age and press the enter key.
* Then prompt the user to enter his or her first and last name and press the enter key.
* Then output to the screen the user’s name and age (see output below).

**/\* OUTPUT**

Please enter your age and press Enter: **39** User enters 39 and Tom Lee

Please enter your first and last name and press Enter: **Tom Lee**

Your name is Tom Lee, and you are 39 years old

Press any key to continue

**Classroom:** Staple both parts of HW\_3-2 (a and b).

NOTE: UNSTAPLED HOMEWORK will not be accepted.

Turn in a copy of your source code and output at the beginning of the next class.

**Online class** Submit both parts of HW\_3-2 (a and b).

**SUBMIT ON CANVAS - CHECK CANVAS FOR THE DEADLINE**

(Do this for **all homework** for the entire semester.)

**IMPORTANT:** **FOR THE ENTIRE SEMESTER**, SUBMIT YOUR HOMEWORK IN A WORD

DOCUMENT, TEXT FILE OR PDF (Not an image file).