Laboratory Session 3

Task 1: Personalized Materials about Loop and a Quiz (20%)

This task includes view/interact with personalized materials on the topic "loop", which are presented in course "DCU EM108 2019 Week4 (Personalized)" on the NEWTELP platform based on your media presentation preference choices. Take the quiz which follows the materials.

Task 2: Weed Killing (20%)

Write a program that reads the dimensions of a rectangular field expressed in meters: length and width as well as the quantity of week killer required to treat the field expressed in liters/square feet. Knowing that 1 meter = 3.28 feet, compute and display how many liters of weed killer are required. Provide nice messages.

Task 3: Sum and Average Calculation – 3 numbers (40%)

Write a program that reads from the keyboard three numbers, computes and displays their sum, their product and their average as well as the minimum and the maximum value of the three numbers. Use "if" statement only.

Task 4: Sum and Average Calculation – N numbers (20%)

Write a program that reads from the keyboard a positive integer N representing how many numbers we have to process. Making use of a loop, the program should then read N numbers, compute and display their sum, their product and their average.