**CST8253 Web Programming II**

Lab 2

# Objective

1. Use C# data type: **int**, **double** and **string**
2. Use C# logical conditions and loops

# Due Date

See Canvas for the due date of this lab. To earn 3 points, you are required:

1. Complete the lab as required.
2. Zip the solution folder (the folder containing **.sln** file) and submit the zipped file to the Blackboard.
3. Demo your lab work during the following week’s lab session.

**Requirements**

Develop a console application to perform the following functionality.

1. The application keeps prompting the user to enter integers, one at a time.

Note:

* For this lab, your application does not have to handle the situation when the user enters non-integers.

1. When the user clicks the “Enter” key without enter anything at a prompter. The application displays the following:

* The maximum value of all integers entered.
* The minimum value of all integers entered.
* The total number of the integers entered.
* The sum of all integers entered.
* The average value of all integers entered.

Note:

* In general, the average value of several integers is a double (a value with decimal point). The output of your application should reflect so.
* If the user clicks the enter without enter an integer at the very first prompter, your application should just display the message: You did not enter any integer

1. After displays all items listed in 2, the user is prompted with the message: Play again (Y)?
2. If the user enters “Y” or “y”, the application returns to 1 and continue. If the user enters any other character(s), the application terminates.