**CPSC1012 In-Class Assignment #2 – Loops**

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student Mark: \_\_\_\_\_\_\_\_ / **5**

**Program Elements**

Complete this assignment on your own. You may reference your notes and files. Your solution must adhere to best practices and code conventions as discussed and demonstrated in class. Solution must be named ***InClass2.***  Hand in your zipped solution on moodle.

**Problem Statement**

You’ve been tasked with creating an adding/subtracting machine. The user should be able to keep adding numbers until “=” is entered. The system should display all entered values and the result. The user should then be asked if they want to start again. It should look similar to below.

The output should look as follows:

\*\*\*Welcome to the Adding Machine. \*\*\*

Enter = when done.

Enter a number: 56

Enter a number: 6

Enter a number: =

The total is 62

Would you like to play again y or n? y

Enter = when done.

Enter a number: -9

Enter a number: 8

Enter a number: =

The total is -1

Would you like to play again y or n? n

Press any key to continue . . .