**CPSC1012 In-Class Exercise #7 – Event-Controlled Loops**

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| Student Name: |  | Student Mark: |  | /5 |

**INSTRUCTIONS**

Complete the requirements of this assignment on your own. When you have finished, write your name on the board to get your instructor to mark your assignment. You are encouraged to create a flowchart; without a flowchart your instructor may not provide any assistance.

**Step 1:** Create a program named CPSC1012-Ex07-YourName

**Step 2:** In the Main() method, write the code that will do the following:

* In a do while loop, continually ask the user to enter a grade for a student or 999 to quit
  + Inside the do while loop, the program will:
    - Determine if the entered mark is the highest or lowest grade
    - Validate the entered grade before entering another grade; display some error message if the grade is invalid (i.e. < 0 or > 100)
  + If there are valid marks and the user quits by typing 999:
    - Calculate the average grade for the class
    - Display the average, highest, and lowest grades
    - exit the program