**CPSC1012 In-Class Exercise #4 – Decision Structure: Logical Operators/Nested If**

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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-Ex04-YourName

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

* Ask the user to enter a year (i.e. 2018)
* Determine if the year entered is a leap year. Use the logic below to determine if a year is a leap year:
  + If the year is evenly divisible by 4 (i.e. 1980 is a leap year, but 1981 is not)
  + If the year is evenly divisible by 100, then it must also be evenly divisible by 400 (i.e. 1900 is not a leap year, but 2000 is a leap year)
* Display whether the year entered is a leap year