FOCUSED ASSIGNMENT 2 - USING LOOPS AND ARITHMETIC OPERATORS

Overview

Use loops and arithmetic operators to produce and display a sum.

OBJECTIVES

- Design computer code from written problems using structured design methodology.
- Use C built in data types.
- Use arithmetic operators.
- Use formatting codes to output data types.
- Use a while loop.
- Use comments appropriately, according to industry-accepted criteria.
- Submit an assignment.

ACADEMIC INTEGRITY AND LATE PENALTIES

- Link to Academic Integrity Information
- Link to Late Policy

EVALUATION

- The evaluation of this assignment will be done as detailed in the Marking lecture (in Week 2).

PREPARATION

- Watch Week 2 videos.

REQUIREMENTS

- Write a program to add together the integers from 1 to 100 using a while loop. After the loop is done, display the sum. Do not have any other output other than the sum.

- Make sure that you use a header comment as described in the SET Coding Standard. It goes before the #include line in your C source file. No other comments are necessary.
- Do not get any input. Do not have any output other than simply displaying the sum (no words should be displayed, only the number).
- Do not clear the screen (this requirement is true for all assignments).

FILE NAMING REQUIREMENTS

- Call your source file f2.cpp.

SUBMISSION REQUIREMENTS

- Do not hand in any other files.
- Submit your source file to the *Focused Assignment 2* Assignment Submission Folder. Consult the lecture on *Submitting Assignments* for further information.
- Once you have submitted your file, make sure that you've received the eConestoga e-mail confirming your submission. Do not submit that e-mail (simply keep it for your own records until you get your mark).