

Description

This program will sum all the integers from a lower limit through an upper limit. It uses an initial loop to ensure a valid upper and lower bound are entered.

Requirements

- Utilize a do-while loop to continue to prompt a user for a lower bound (integer) and upper bound (integer) until it is ensured that the upper bound is not less than the lower bound.
- Once valid bounds are obtained, then use a for loop to calculate the sum from the lower bound through the upper bound.
- Finally, display the sum.
- You are required to match the exact output below, except your numbers may differ.
- Follow all coding guidelines, except the only documentation required is your name above the class.

Submission

- Before arriving in class: Upload and print the source code
- Beginning of class: Turn in the source code.

Sample Runs

Run #1
Lower limit: 10
Upper limit: 1
Lower limit: -3
Upper limit: -5
Lower limit: 2
Upper limit: 6
The sum from 2 through 6 is 20
Run #2
Lower limit: -3
Upper limit: 3
The sum from -3 through 3 is 0
Run #3
Lower limit: 2
Upper limit: 2
The sum from 2 through 2 is 2

Continues to loop until a valid  
upper and lower bound are entered.

