## **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.

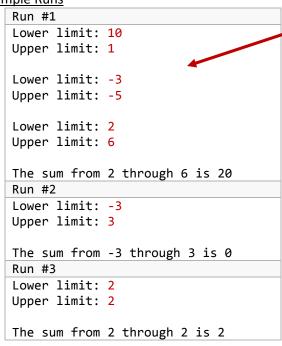
## Requirements

- Utilize a <u>do-while</u> 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 <u>for</u> 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



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