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Project 3a

Test Cases

In	**Out**
User chooses to enter 5 integers...	Program asks for 5 integers and accepts 5 as input...
...and the integers are -5, 100, 3, 0, -142	Min outputs as -142, max outputs as 100
All integers entered are the same value	Program changes output to reflect that if all integers are the same, there is no min/max, just the entered integer
User enters only 1 integer	Program changes output to reflect that given only 1 integer, min/max is an erroneous distinction
All integers entered are above 0	The program does not output a minimum value of 0 when none was entered but correctly registers the smallest entered integer (i.e. all variables are initialized)
All integers entered are below 0	The program does not output a maximum value of 0 when none was entered but correctly registers the largest entered integer (i.e. all variables are initialized)

- Ask user: “How many integers would you like to enter?”
- Assign value to **intLimit**
- Print: “Please enter “ **intLimit** “ integers.”

- Begin for loop
    - Initialize **n** as counter variable.
    - For loop will run **intLimit** number of times.
    - Prompt user to enter first integer **userInt**
    - Begin series of if statements:
        - If first loop

        - Assign **highInt** and **lowInt** value of userInt
        - Subtract 1 from **firstRun** counter variable
    - If entered integer is lower than the current lowest assigned integer (**lowInt**)
        - Assign **userInt** to **lowInt**.
    - If the entered integer is higher than the current highest assigned integer (**highInt**)
        - Assign **userInt** to **highInt**.
    - If user has chosen to enter only 1 integer
        - Print: “There is no min/max, only your entered integer “ **userInt.**
    - If the user enters same integer **intLimit** times
        - Print: “There is no min/max, only your entered integer “ **userInt.**
    - For loop ends
- Print out “min: " and value assigned to lowInt
- Print out “max: “ and value assigned to highInt