

Problem Restatement:

Write a program that asks the user how many integers they would like to enter. You can assume they will enter an integer  $\geq 1$ . The program will then prompt the user to enter that many integers. After all the numbers have been entered, the program should display the largest and smallest of those numbers (no, you cannot use arrays, or any other material we haven't covered).

Testing Plan:

Step 1	Output	Step 2	Output
User enters: 1	Please enter 1 integers.	User enters: 3	Output: min: 3 max: 3
User enters: 3	Please enter 3 integers.	User enters: -10, 10, 24	Output: min: -10 max: 24
User enters: 2	Please enter 2 integers.	User enters: 2, 2	Output: min: 2 max: 2
User enters: 3	Please enter 3 integers.	User enters: 0, 0, 0	Output: min: 0 max: 0

Pseudocode:

The user is asked how many integers they'd like to enter.

They enter this number and this number is read by the program.

The program then asks the user to enter that number of integers.

Each time they enter a number, the program will check to see if this is the highest or lowest number entered so far.

If the number is the highest and/or lowest entered so far, the program will store this number.

After the user has entered their last number, the program will display the lowest and highest numbers they entered.