/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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\*\* Description: Project plan for assignment 3a. 3a will ask a user how many \*\* integers they would like to enter. Assume user enters only \*\* integers >= 1. The program will then prompt the user to enter

\*\* that many integers. After all numbers have been entered the

\*\* program will display the largest and smallest of those numbers.

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Testing Plan:

|  |  |
| --- | --- |
| **User Enters** | **Expected Output** |
| 1 , 5, 9000, -9000 | Min: -9000 Max: 9000 |
| 10, 10, 10, 10, 10, -1 | Min: -1 Max: 10 |
| 10, 10, 10 | Min: 10 Max: 10 |
| 0 | Min: 0 Max: 0 |
|  |  |
|  |  |
|  |  |

Design:

1. Start program
2. Set counter, index to zero
3. Get # of integers from user
4. Set counter = # of integers
5. While index < counter
6. Get integer value from user

Set current = input

If index == 0

Set min = current

Set max = current

Else

If current <= min

Set min = current

If current >= max

Set max = current

Add 1 to index

1. Print “min: min value saved

max: max value saved”