[Chapter 10 Exercise#4 - Day#4](https://hwdsb.elearningontario.ca/d2l/le/15933542/discussions/threads/6611716/View)

Mode - The mode is the most frequently occurring number.  To do this you will need counts of the numbers.  There are a couple ways this can be accomplished.

Method#1 - Use an array to count the numbers.  Similar to what was suggested for Chapter 10 Exercise#3.  The array size would be 51 to account for all possible numbers entered.  Once you have counts then perform a sequential search to determine the highest.  The value in the array would be the count, the location in the array would be the actual number.

Method#2 - Sort the numbers.  Parse through the array counting each group of numbers.  The highest count would be the mode to display.