CSC321
HW5
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Sorting Algorithms in Java

How to Run:

1) Interface will ask for user input in the form of a single integer to specify size of the array needing to be sorted or to type random so the size and elements can be generated randomly.
2) If you enter an explicit size for your array of integers, then you must also enter in all the data you are to sort
3) The different types of input expected are: Already sorted in descending order, sorted in ascending order, and identical data
4) Populate your array with all values to be sorted.
5) Finally, the program will output several sequences of sorted arrays with their runtimes for comparison