Bubble Sort

1.	Make a table to show the comparisons and exchanges that would take place in using a bubble sort to put the following data in ascending order.				
	3	8	3	2	7
2.		an array of	double val	ues in asce	oleSort that uses a bubble nding order. Create a main

3.	A modification of bubble sort is the <i>cocktail shaker sort</i> in which, on odd- numbered passes, large values are carried to the top of the list while, on
	even-number passes, small values are carried to the bottom of the list. Make a table to show passes of a cocktail-shaker sort on the following data.

2 9 4 6 1 7 8

4. CocktailShakerSort.java: Write a method shakeSort to implement the cocktail shaker sort algorithm to arrange an array of double values in ascending order. Use a Boolean flag to stop processing once the items have been completely sorted. Create a main method to test the method.