1. Show the result of each pass required to sort the array \{7, 5, 4, 2, 3, 1, 6\} using bubblesort.

2. Show the result of each pass required to sort the array \{7, 5, 4, 2, 3, 1, 6\} using insertion sort.

3. Show the result of each pass required to sort the array \{7, 5, 4, 2, 3, 1, 6\} using selection sort.

4. Give the total number of comparisons and moves required to sort the list for each of the three algorithms in 3, 4, and 5. Note that a “swap” counts as 3 moves.