**Sort Trace**

Trace each pass of selection, insertion, and quick sort for the list of values below. For quick sort, assume that the pivot is the left-most value in the por-on of the array to be sorted.

The numbers are: 6, 3, 11, 4, 9, 8, 17 ,7

**You may turn your work in as a text file, a PDF, or a scan/image of something hand-written.**

Selection sort

6, 3, 11, 4, 9, 8, 17 ,7

3, 6, 11, 4, 9, 8, 17 ,7

3, 4, 11, 6, 9, 8, 17 ,7

3, 4, 6, 11, 9, 8, 17 ,7

3, 4, 6, 7, 9, 8, 17 ,11

3, 4, 6, 7, 8, 9, 17 ,11

3, 4, 6, 7, 8, 9, 17 ,11

3, 4, 6, 7, 8, 9, 11 ,17

3, 4, 6, 7, 8, 9, 11 ,17

Insertion sort

6, 3, 11, 4, 9, 8, 17 ,7

6, 3, 11, 4, 9, 8, 17 ,7

3, 6, 11, 4, 9, 8, 17 ,7

3, 6, 11, 4, 9, 8, 17 ,7

3, 4, 6, 11, 9, 8, 17 ,7

3, 4, 6, 9, 11, 8, 17 ,7

3, 4, 6, 8, 9, 11, 17 ,7

3, 4, 6, 8, 9, 11, 17 ,7

3, 4, 6, 7, 8, 9, 11, 17

Quick sort

6, 3, 11, 4, 9, 8, 17 ,7

6, 3, 4, 11, 9, 8, 17 ,7

4, 3, 6, 11, 9, 8, 17 ,7

3, 4, 6, 11, 9, 8, 7 ,17

3, 4, 6, 7, 9, 8, 11 ,17

3, 4, 6, 7, 9, 8, 11 ,17

3, 4, 6, 7, 8, 9, 11 ,17

3, 4, 6, 7, 8, 9, 11 ,17