Name: ___Khayyam Saleem_____   Date: _____9/30/16_____

Pledge: _____I pledge my honor that I have abided by the Stevens Honor System._____

For each algorithm, show the array after each iteration of the main loop. Since different implementations these algorithms do exist, be sure to use the code supplied in Canvas under "Elementary Sorting Algorithms". Do not show unnecessary steps, and do not simply stop early if the array is sorted. Trace through these algorithms carefully. You may not need all the lines given.

Bubble Sort

0	1	2	3	4	5
21	17	99	7	8	51

0	1	2	3	4	5
17	21	7	8	51	99

0	1	2	3	4	5
17	7	8	21	51	99

0	1	2	3	4	5
7	8	17	21	51	99

0	1	2	3	4	5
7	8	17	21	51	99

0	1	2	3	4	5

0	1	2	3	4	5

Selection Sort

0	1	2	3	4	5
21	17	99	7	8	51

0	1	2	3	4	5
7	17	99	21	8	51

0	1	2	3	4	5
7	8	99	21	17	51

0	1	2	3	4	5
7	8	17	21	99	51

0	1	2	3	4	5
7	8	17	21	99	51

0	1	2	3	4	5
7	8	17	21	51	99

0	1	2	3	4	5
7	8	17	21	51	99

Insertion Sort

0	1	2	3	4	5
21	17	99	7	8	51

0	1	2	3	4	5
7	21	17	99	8	51

0	1	2	3	4	5
7	8	21	17	99	51

0	1	2	3	4	5
7	8	17	21	99	51

0	1	2	3	4	5
7	8	17	21	51	99

0	1	2	3	4	5
7	8	17	21	51	99

0	1	2	3	4	5