1. The reason I chose insertion sort out of the three O(n2) algorithms was because insertion sort performed faster than the other two sorting algorithms. When the array sizes were small, insertion sort had more consistency within practice assignment four’s tests in being faster.

2. The size of the array I chose for when to apply my quadratic sort method was at fifty. I found fifty to be the most consistent where there would be no difference in the run time speed. Any array size past fifty would show a difference in speed between insertion sort and quicksort.

3. I chose the hybrid sort algorithm that I made in part one of assignment 2 because it can work with small numbers, as well as big numbers at a quick rate. Assignment 2 Part 2 requires that we break up the array into chunks so that means that runs at n because it is n/k chunks.