When comparing hash tables to linked list, the data tells it all. Despite having over 2000 collisions when inserting into the hash table, the hash table still managed to have completed insertions and searched faster than the DLL in most cases. The collisions did not seem to have a staggering effect on the plot, only slightly towards the end of data. Strangely, some timing anomalies popped up in the initial insertions of the hash table—my only reasoning for this is the time and memory allocation that is required to call and store an array sized 40009. Again, despite these anomalies, hash table still crushed DLL in the search category. As expected, time complexity of the DLL search increased linearly while HT search seemed to stay true to the O(nlog(n)). However, the LL did reign in insertions, just since I appended each node to the head, so no traversals or functions were needed to insert.