1. Autocomplete runs into inexplicable errors when a space (“ “) is entered. Program only allows one entry each time it is run.
2. The main issue we ran into was with the binary search in conjunction with the array construction in autocomplete.java. The return indexes from the binary search functions were occasionally returning false negatives (-1), and an error within the array creation loop in autocomplete caused index out of bounds errors (the array index was set to start at the “firstmatch” value from binary search rather than 0). We eventually figured these issues out after a lot of debugging.
3. This assignment was more of a challenge than the previous projects, but it certainly strengthened our understanding of the core underlying concepts involved.