

Programming Assignment 5

Due by November 3, 2018, 9:00 PM

1. Implement `add()`, `search()` and `delete()`, and submit “backend5.c.” DO NOT CHANGE ANYTHING ELSE.
2. For this assignment, implement the usual address book using hashing with chaining. Note that we do not have “P” (print) command now. (Think about why.)
3. For simplicity, we allow duplicate names, and `add()` puts the newly-created node in front of the linked list.
4. The functions `search()` and `delete()` prints out the number of key comparisons made to perform the operations. Note that they do even if the operations were not successful. (Why?)