

CS118 Homework Exercises

Programmer-defined Functions 2

1. Write a simple phone book program, `phone_book_08.py`. Provide a menu that allows the user to choose from four options:
 - A. Add to the phone book
 - D. Delete from the phone book
 - L. Look up and display a phone number
 - X. Exit the program.

For each menu option, process the option through function calls only - provide a function for each option (e.g. `add_07()`, `del_07()`, `lookup_07()`) except the Exit option. Keep it simple – keep only last names and phone numbers in the phone book. Save all data in a list of lists, updating every time an addition or deletion is made to the phone book. Permit the user to run the program until s/he chooses option x. You may assume the user will not add an existing name nor try to delete one that does not exist in the list.