



Data Structures

PhoneBook Linklist Homework

In this homework, you are expected to write a phonebook application using link list by yourself.

- You should implement the following methods for your homework.
 - addRecord(),
 - removeRecord()
 - InsertBegining()
 - Insertatmiddle()
 - insertAtEnd().
 - UpdateRecord()
 - printPhoneBook()
- add() should add records alphabetically and you don't need to implement any file operations.
- removeRecord() method should not leave any blank records on phonebook.
You should slide related records in order to eliminate these blanks.
- PrintPhoneBook() method should print records alphabetically to the screen .
- You should deallocate memory before termination of your program.
- It is also expected to write a homework report explaining all the functions you are implemented.
- As a bonus, you may implement search(). (10 points)

You can implement with both C or C++