**Lab 3**

1. Create a book data type. Write a function *insertBook* to insert one book in an existing array of books. The array should be dynamically created. The position of insertion is an input from the user. No new array should be created. Modify the size of your array.
2. Add a function *deleteBook* to delete one book from the array of books. The book to be deleted should be an input from the user. Resize your array. No new array should be created.
3. Create a single linked list of non-negative integers. Write a function to display the nodes of your list. This should be a menu driven program.