```c
#include <stdio.h>
#include <stdlib.h>
#include "linked-list.h"

/****
 *
 * This is a testing program for the simple implementation in linked-list{h,c}.
 *
 */

/**
 * Print the given list with the given debugging message one line above the
 * list output.
 */
void print(LinkedList* l, char* msg) {
    printf("List contents, should be %s\n                         ", msg);
    printList(l);
    printf("\n");
}

/**
 * Allocate a linked list, insert some values in it, and print it out after
 * each insert.
 */
int main () {
    LinkedList* l;

    l = newLinkedList();
    print(l, "empty");

    insert(l, newListNode(0), 0);
    print(l, "0");

    insert(l, newListNode(1), 1);
    print(l, "0,1");

    insert(l, newListNode(2), 2);
    print(l, "0,1,2");

    insert(l, newListNode(3), 3);
    print(l, "0,1,2,3");

    insert(l, newListNode(-1), 0);
    print(l, "-1,0,1,2,3");

    insert(l, newListNode(10), 3);
    print(l, "-1,0,1,10,2,3");

    insert(l, newListNode(100), 6);
    print(l, "-1,0,1,10,2,3,100");

    insert(l, newListNode(100), l->length+1);
    print(l, "-1,0,1,10,2,3,100");

    insert(l, newListNode(100), -1);
    print(l, "-1,0,1,10,2,3,100");

    exit(0);
}
```