CMPE-231 DATA STRUCTURES (Fall 2014)
Laboratory Work #3

Linked lists. To be done in groups of two.

Consider the following declarations.

```c
struct node {
    char name[40],
    int age,
    struct node * next
}

struct node * myList = NULL;
```

Write a menu-driven C program that maintains a list of nodes through the following options:

1. Insert a new record: read the data for a node and insert it in the front of the list
2. Show all the nodes in the list from the first to the last
3. Read an index i and show the i\textsuperscript{th} record
4. Show how many nodes there are in the list
5. Quit

You should define functions as necessary.