CS 261 Lab #4
Linked lists & palindromes
A linked list is a set of nodes that are linked to one another.

Unlike an array, they don’t need to be contiguous.
struct node {
    int value;
    struct node *next;
}

value holds the data

data

type points to the next node in the list

if next is NULL, we’ve reached the end of the list
The linked list data type can be used to implement more abstract data types.

For this lab, you’ll implement a stack with a singly-linked list.

Then, you’ll use your implementation to write a palindrome detector.
Palindromes are words or phrases that are spelled the same forwards and backwards.

We can use stacks to detect them!
1) Implement a stack using a singly-linked list

2) Finish the palindrome detector

http://classes.engr.oregonstate.edu/eecs/spring2015/cs261-001/lab4.php