

1. Write a program that creates a linked list of 10 characters, then creates a copy of the list in reverse order.

The list is:

A B C D E F G H I J *

The list in reverse is:

J I H G F E D C B A *

2. Write a program that uses a stack to determine if a string is a palindrome (i.e., the string is spelled identically backward and forward). The program should ignore spaces and punctuation.

Enter a line of text:

able was i ere i saw elba

"able was i ere i saw elba" is a palindrome