**CMSC 3233**

**Data Structures**

**Assignment 5 – Post-Fix**

**20 Points**

As a user, when I enter a post-fix expression, I want to view the value of the expression, so that I don’t have to do it by hand.

See page 253 C=6.19

Notes :

1. You can use console or GUI UI.
2. Implement the ADT Singly Linked list class from chapter 3, page 126.
3. Use the Adapter Pattern to create an ADT stack to use to solve the problem.
4. The following example illustrates how the String.split method can be used to break up a string into its basic tokens:

String[] result = "this is a test".split("\\s");

for (int x=0; x<result.length; x++) System.out.println(result[x]);

prints the following output:

this

is

a

test