**CSE1322 – Java Lab 4A – Recursion**

*This lab may contain intentional minor errors; they should be reasonably easy to find and exist so that you must think as you go through the lab.  Like many things in life, "trust but verify."  Ideas will always be correct; only minor code and syntax may be incorrect.*

**Lab 4A: Recursion**

**Objectives**

To write a program using classes to demonstrate how recursion is implemented using code.

**Problem Statement**

Write a recursive method, vowels, that returns the number of vowels in a string. Also, write a program to test your method.

Write a method, vowels, that returns the number of vowels in a string without using recursion. Also, write a program to test your method.

**What to Turn In**

Follow submission guidelines on this page: <http://ccse.kennesaw.edu/fye/Submission%20Guidelines.php>