**Object Oriented Programming in Java (Lab 7)**

**Problem:**

1. Write a program to input a paragraph. Then can feed it in the program. Then

perform the following using JCF:

1. find frequency of each vowel

2. Find and replace all occurrence of "the" with "THE".

2. Write a program to evaluate an infix expression (input and output using

JOptionpane) using JCF. Use only JCF interfaces and methods for all stack

operations needed to solve the problem.

**Structure:**

Default package contains both the classes.

**Input:**

1. A text file is to be created for input.

2. Infix expression is to be given as input.

**Output:**

1. Frequency of all the vowels is displayed character wise and “the is replaced with THE” is displayed which signifies that creation of another file named fileNew.txt which replaced 'the' with 'THE'.

2. Result of the infix epression is displayed.