North South University

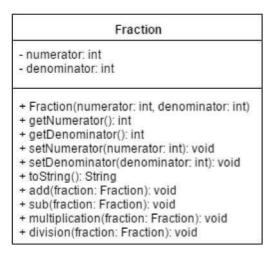
Department of Electrical and Computer Engineering

CSE 215L: Programming Language II Lab

Lab – 6 Topic(s): Classes & Objects (Introduction + Encapsulation)

Lab Task:

1. Implement the following class and test its methods:



void add(Fraction fraction)

Adds two Fraction objects and stores the result into the calling object. This is how addition is performed for fractions:

1/4+3/5 = 1*5+3*4/4*5=17/20

String toString()

Returns the value of the fraction in 1 / 2 format where 1 is numerator and 2 is denominator.

Now write a test program that performs the following steps:
☐ Take two Fraction objects and print both of them.
☐ Test add, sub, multiplication and division methods.
☐ Print calling object after each method call.