

North South University
Department of Electrical and Computer Engineering
CSE 215L: Programming Language II Lab

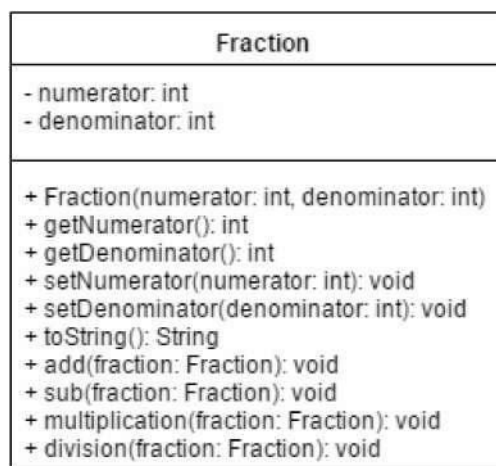
Lab – 6: Class & Object

Objective:

- To learn about class and objects
- To learn to implement a class using UML

Task:

Implement the following class and test its methods:



void add(Fraction fraction)

Adds two Fraction objects and **stores the result** into **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, take two Fraction objects. Print both of them. Test add, sub, multiplication and division methods. Print calling object after each method call.