Lab on Rational Number(Constructor chaining)

Look at the RationalNumber.java code and complete the following additional code:

- code the default constructor initializing Rational number to '0' value (use Constructor chaining).
- Code another constructor accepting numerator only.
- Code the 'divide' method using 'reciprocal' method.
- Override toString() method.
- Code a new class that creates and uses the Rational number object. This new class should accept numerator and denominator from user using Validator class and prints out its GCD, Reduced fraction, doubleValue and multiply, divide, add and subtract with "6/7" rational number.