Exercise

- This exercise asks us to create a class called Rational to perform arithmetic with fractions
- Fraction data should be stored as numerator and denominator and should be stored in reduced form
- The class should include member functions for addition, subtraction, multiplication, division, and printing

Class Interface

```
class Rational
 public:
    Rational(int = 0, int = 1);
    Rational addition(const Rational &);
    Rational subtraction(const Rational &);
    Rational multiplication (const Rational &);
    Rational division(const Rational &);
    void printRational();
 private:
    int numerator;
    int denominator;
    void reduction();
};
```

Driver or Main

```
Rational cRational1(1, 3);
Rational cRational2(7, 8);
Rational cRational3;
cRational1.printRational();
cout << " * ";
cRational2.printRational();
cRational3 = cRational1.multiplication(d);
cout << " = ";
cRational3.printRational();
cout << '\n';
```