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 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';