class Tinhtoan

    attr\_accessor :ps1,:ps2

    def initialize(ps1,ps2)

        @ps1 = ps1

        @ps2 = ps2

    end

    def Cong

        puts "Tổng: #{(ps1.t\*ps2.m+ps2.t\*ps1.m)}/#{(ps1.m\*ps2.m)}"

    end

    def Tru

        puts "Hiệu #{(ps1.t\*ps2.m-ps2.t\*ps1.m)}/#{(ps1.m\*ps2.m)}"

    end

    def Tich

        puts "Tích: #{(ps1.t\*ps2.t)}/#{(ps1.m\*ps2.m)}"

    end

    def Thuong

        puts "Thương: #{(ps1.t\*ps2.m)}/#{(ps1.m\*ps2.t)}"

    end

end

class Phanso

    attr\_accessor :t, :m

    def initialize(t,m)

        @t= t

        @m = m

    end

end

class Phanso2

    attr\_accessor :t,:m

    def initialize(t,m)

        self.t=t

        self.m = m

    end

    def +(other)

        Phanso.new(((self.t\*other.m) + (other.t\*self.m)), self.m\*other.m)

    end

    def -(other)

        Phanso.new(self.t\*other.m - other.t\*self.m, self.m\*other.m)

    end

    def \*(other)

        Phanso.new(self.t \* other.t, self.m\*other.m)

    end

    def /(other)

        Phanso.new(self.t \* other.m, self.m\*other.t)

    end

end

ps1 = Phanso.new(1,4)

ps2 = Phanso.new(1,5)

tt = Tinhtoan.new(ps1,ps2)

tt.Cong

tt.Tru

tt.Tich

tt.Thuong

puts "-----------------------------------"

ps3 = Phanso2.new(1,6)

ps4 = Phanso2.new(1,7)

cong = ps3+ps4

puts "Cộng: #{cong.t}/#{cong.m}"

hieu = ps3 - ps4

puts "Hiệu: #{cong.t}/#{cong.m}"

tich = ps3 \* ps4

puts "Tích: #{cong.t}/#{cong.m}"

thuong = ps3 / ps4

puts "Thương: #{cong.t}/#{cong.m}"

Kết quả:

