BỘ GIÁO DỰC VÀ ĐÀO TẠO ĐẠI HỌC DUY TÂN

----- മ്മ⊞ൽ -----

BÀI THỰC HÀNH PHÀN 2 LỚP – ĐỐI TƯỢNG

Lập Trình Winforms: VB.NET / C#.NET

GIẢNG VIÊN: PHẠM VĂN DƯỢC

DÀ NẮNG 08/2014

Bài 3:

```
Console.Out.WriteLine("{0} / {1}", this.numerator, this.denominator);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           this.denominator = int.Parse(Console.ReadLine());
                                                                                                                                                                                                                                                                                                                                                                                   this.numerator = int.Parse(Console.ReadLine());
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Console.Out.Write("To input denominator:");
                                                                                                                                                                                                                                                                                                                                                    Console.Out.Write("To input numerator:");
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  catch (Exception e) { Console.Out.Write(e);
                                                                                                                                                                                                                                                                                                                                                                                                                                          catch (Exception e) { Console.Out.Write(e);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       } while (this.denominator == 0);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        public int Get numerator() {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     return this.numerator;
                                                                                                                                                                                                                                  private int denominator;
                       System.Collections.Generic;
                                                                                                                                                                                                       private int numerator;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      public void Output() {
                                                                                                                                                                                                                                                                                             public void Input() {
                                                                                                                                                                           public class Fraction {
                                                       System.Ling;
                                                                                     System. Text;
                                                                                                                  namespace phan_so{
                                                                                                                                           class Program{
System;
                         using
                                                                                       using
 using
                                                          using
```

```
c
```

```
denominator = A.Get_denominator() * B.Get_denominator();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            numerator = A.Get_numerator() * B.Get_numerator();
                                                                                                                                                                                                                     public void Set_denominator(int denominator) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Fraction B) {
                                                                               public void Set_numerator(int numerator)
                                                                                                                                                                                                                                                 this.denominator = denominator;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   UC = UCLN(numerator, denominator);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        denominator = denominator / UC;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             C.Set_denominator(denominator);
                                                                                                                                      this.numerator = numerator;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   int numerator, denominator, UC;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            static Fraction Multi (Fraction A,
public int Get_denominator() {
    return this.denominator;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Fraction C = new Fraction();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               numerator = numerator / UC;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  C.Set_numerator(numerator);
                                                                                                                                                                                                                                                                                                                                                            int b) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ;'q
-
                                                                                                                                                                                                                                                                                                                                                                                                                                        if (a == 0) return b;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        if (a > b) a = a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   if(b == 0) return a;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    - a;
                                                                                                                                                                                                                                                                                                                                                          static int UCLN (int a,
                                                                                                                                                                                                                                                                                                                                                                                     a = Math.Abs(a);
                                                                                                                                                                                                                                                                                                                                                                                                               b = Math.Abs(b);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  else b = b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            while (a != b)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              return a;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       return C;
```

```
- A.Get_denominator() * B.Get_numerator();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            + A.Get_denominator() * B.Get_numerator();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 denominator = A.Get_denominator() * B.Get_denominator();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   denominator = A.Get_denominator() * B.Get_denominator();
                                                                                                                                                          denominator = A.Get_denominator() * B.Get_numerator();
UC = UCLN(numerator, denominator);
                                                                                                                 numerator = A.Get_numerator() * B.Get_denominator();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   numerator = A.Get_numerator() * B.Get_denominator()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     numerator = A.Get_numerator() * B.Get_denominator()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         static Fraction Subtraction(Fraction A, Fraction B){
static Fraction Division (Fraction A, Fraction B) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    static Fraction Sum(Fraction A, Fraction B) {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 UC = UCLN(numerator, denominator);
                                                                                                                                                                                                                                                                                                                       C.Set_numerator(numerator);
C.Set_denominator(denominator);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  C.Set_numerator(numerator);
C.Set_denominator(denominator);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            denominator = denominator / UC;
                                                                                                                                                                                                                                                                              denominator = denominator / UC;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 int numerator, denominator, UC;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 int numerator, denominator, UC;
                                                                               int numerator, denominator, UC;
                                        Fraction C = new Fraction();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Fraction C = new Fraction();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Fraction C = new Fraction();
                                                                                                                                                                                                                                          numerator = numerator / UC;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       numerator = numerator / UC;
                                                                                                                                                                                                                                                                                                                                                                                                    return C;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                return C;
```

```
V
```

```
Console.Out.Write("Thuong A,B:"); D.Output();
                                                                                                                                                                                                                                                                                                                                                                                                                                                 A.Input(); A.Output(); B.Input(); B.Output();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Console.Out.Write("Hieu A,B:"); E.Output();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Console.Out.Write("Tong A,B:"); F.Output();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Console.Out.Write("Tich A, B:"); C.Output();
                                                                                                                                                                                                            = new Fraction();
                                                                                                                                                                                                                                                                      = new Fraction();
                                                                                                                                                                                                                                                                                                                                                            = new Fraction();
                                                                                                                                                                                                                                                                                                   = new Fraction();
                                                                                                                                                                                                                                                                                                                                = new Fraction();
                                                                                                                                                                                                                                        = new Fraction();
UC = UCLN(numerator, denominator);
                                                                                     C.Set_numerator(numerator);
C.Set_denominator(denominator);
                                                           denominator = denominator / UC;
                                                                                                                                                                                                                                                                                                                                                                                                                      static void Main(string[] args) {
                              numerator = numerator / UC;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        System.Console.ReadLine();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E = Subtraction(A, B);
                                                                                                                                                                                                                                                                                              public static Fraction D
                                                                                                                                                                                                                                                                                                                                                            public static Fraction F
                                                                                                                                                                                                         public static Fraction A
                                                                                                                                                                                                                                      public static Fraction B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           D = Division(A, B);
                                                                                                                                                                                                                                                                                                                             public static Fraction
                                                                                                                                                                                                                                                                   public static Fraction
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              C = Multi(A, B);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              F = Sum(A, B);
                                                                                                                                                  return C;
```