Use two out parameters

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/*
C#: The Complete Reference
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Publisher: Osborne/McGraw-Hill (March 8, 2002)
ISBN: 0072134852
*/
// Use two out parameters.

using System;

class Num {
/* Determine if x and v have a common denominator.
If so, return least and greatest common denominators in
the out parameters. */
public bool isComDenom(int x, int y,
out int least, out int greatest) {
int i;
int max = x < y ? x : y; bool first = true; least = 1;
greatest = 1; // find least and treatest common denominators
for(i=2; i <= max/2 + 1; i++) { if( ((y%i)==0) & ((x%i)==0) )
{ if(first) { least = i; first = false; } greatest = i; } }
if(least != 1) return true; else return false; } } public
class DemoOut { public static void Main() { Num ob = new
Num(); int lcd, gcd; if(ob.isComDenom(231, 105, out lcd, out
gcd)) { Console.WriteLine("Lcd of 231 and 105 is " + lcd);
Console.WriteLine("Gcd of 231 and 105 is " + gcd); } else
Console.WriteLine("No common denominator for 35 and 49.");
if(ob.isComDenom(35, 51, out lcd, out gcd)) {
Console.WriteLine("Lcd of 35 and 51 " + lcd);
Console.WriteLine("Gcd of 35 and 51 is " + gcd); } else
Console.WriteLine("No common denominator for 35 and 51."); } }
[/csharp]
```