Day 18 coding Statement: Write a program to Add two fractions

Description: Get the values for numerator and denominator of two fractions, then add that fractions.

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Consider the following format
x3/y3 = (x1/y1) + (x2/y2)
here x3 = (x1*y2) + (x2*y1) and y3 = (y1*y2)
Input : 2 3
      4 3
Output : 2/1
package com.talentbattle.codingchallenge;
import java.util.Scanner;
public class fraction {
       public static void main(String[] args) {
              // TODO Auto-generated method stub
             Scanner scan = new Scanner(System.in);
             System.out.println("Enter the Numerator : ");
              int x1 = scan.nextInt();
             int y1 = scan.nextInt();
             System.out.println("Enter the Denominator");
             int x2 = scan.nextInt();
             int y2 = scan.nextInt();
             int x3,y3;
             x3 = (x1*y2) + (x2*y1);
             y3 = (y1*y2);
             int common_factor = gcd(x3,y3);
             x3=x3/common_factor;
             y3=y3/common_factor;
             System.out.print("Add of two fractions is : " + x3+"/"+y3);
      }
      private static int gcd(int x3, int y3) {
```

// TODO Auto-generated method stub

if(x3==0) {

}

}

return y3;

return gcd(y3%x3,x3);

