

```

import java.util.Scanner;
public class FractionSum
{
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        System.out.print("Enter the value for x1 and y1: ");
        int x1=sc.nextInt();
        int y1=sc.nextInt();
        System.out.print("Enter the value for x2 and y2: ");
        int x2=sc.nextInt();
        int y2=sc.nextInt();
        int Div;
        int x3=(x1*y2)+(x2*y1);
        int y3=y1*y2;

        if(x3>y3){
            Div=y3;
        }
        else
            Div=x3;
        for(int i=Div;i>0;i--)
        {
            if(x3%i==0 && y3%i==0)
            {
                x3=x3/i;
                y3=y3/i;
            }
        }
        System.out.print("Sum of fractions is "+x3+"/"+y3);
    }
}

```