import java.util.Scanner;  
import java.lang.Math;  
  
class PrintDemo  
{  
 public static void main (String[] args)  
 {  
 /\*Scanner scan = new Scanner(System.in);  
 System.out.println("Please Enter the First Number: ");  
 int num1 = scan.nextInt();  
 System.out.println("Please Enter the second Number: ");  
 int num2 = scan.nextInt();  
 System.out.println("Please Enter the second Number: ");  
 int num3 = scan.nextInt();  
 double avg = (double) (num2 + num1 + num3) / 2;  
 System.out.println("Average = " + avg);  
  
  
 Scanner scan = new Scanner(System.in);  
 System.out.println("Please Enter the First Number: ");  
 int num1 = scan.nextInt();  
 System.out.println("Please Enter the second Number: ");  
 int num2 = scan.nextInt();  
 int sum = num2 + num1;  
 int sub = num1 - num2;  
 System.out.println("Sum = " + sum + "\n" + "Sub = " + sub);  
  
  
 Scanner scan = new Scanner(System.in);  
 System.out.println("Please Enter the First Number: ");  
 Double num1 = scan.nextDouble();  
 System.out.println("Please Enter the second Number: ");  
 Double num2 = scan.nextDouble();  
 Double sum = num2 + num1;  
 Double sub = num1 - num2;  
 System.out.println("Sum = " + sum + "\n" + "Sub = " + sub);  
  
  
 Scanner scan = new Scanner(System.in);  
 System.out.println("Please Enter the first Number: ");  
 Double num1 = scan.nextDouble();  
 System.out.println("Please Enter 2 integers : ");  
 int integer1 = scan.nextInt();  
 int integer2 = scan.nextInt();  
 double avg = (double) (integer1 + integer2 + num1) /3;  
 System.out.println("Average is: " + avg);  
  
  
 Scanner scan = new Scanner(System.in);  
 System.out.println("Please Enter the radius of the circle");  
 Double rad = scan.nextDouble();  
 Double area = Math.PI \* rad \* rad;  
 Double peri = 2 \* 3.14 \* rad;  
 System.out.println("the area of the circle is : " + area + "\n" + "the perimeter of the circle is : " + peri);\*/  
  
  
   
 *out*.println("Please enter the value of a");  
 int a = scan.nextInt();  
 System.*out*.println("Please enter the value of b");  
 int b = scan.nextInt();  
 System.*out*.println("Please enter the value of x");  
 int x = scan.nextInt();  
 System.*out*.println("Please enter the value of c");  
 int c = scan.nextInt();  
 System.*out*.println("Please enter the value of d");  
 int d = scan.nextInt();  
 double formula = (double) (a \* Math.*pow*(x,2) + b) / (c \* x - d);  
 System.*out*.println("the value is: " + formula);  
  
 }  
}

System. Scanner scan = new Scanner(System.*in*);