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package labs.lab1.pro2;

import java.util.Scanner;

public class Lab1_Pro2_64010009 {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        double a, b, c, d, e, f, x, y;

        System.out.print("Enter value of a: ");
        a = scanner.nextDouble();

        System.out.print("Enter value of b: ");
        b = scanner.nextDouble();

        System.out.print("Enter value of c: ");
        c = scanner.nextDouble();

        System.out.print("Enter value of d: ");
        d = scanner.nextDouble();

        System.out.print("Enter value of e: ");
        e = scanner.nextDouble();

        System.out.print("Enter value of f: ");
        f = scanner.nextDouble();

        x = ((e * d) - (b * f)) / ((a * d) - (b * c));
        y = ((a * f) - (e * c)) / ((a * d) - (b * c));

        System.out.println("Value of x: " + x);
        System.out.println("Value of y: " + y);

        scanner.close();
    }
}
```