import java.util.Scanner;

public class quadratic{

    public static void main(String[] args) {

        int a,b,c;

        Scanner s =new Scanner(System.in);

        System.out.println("enter the a coefficients of quadratic equation");

        a=s.nextInt();

        System.out.println("enter the b coefficients of quadratic equation");

        b=s.nextInt();

        System.out.println("enter the c coefficients of quadratic equation");

        c=s.nextInt();

        double d=Math.sqrt(b\*b-4\*a\*c),r1,r2;

        if (d>0) {

            System.out.println("Roots are real and distinct");

            r1=((-b)+d)/(2\*a);

            r2=((-b)-d)/(2\*a);

            System.out.println("Roots of equation are "+r1+" "+r2);

        } else if(d==0) {

            System.out.println("Roots are real and same");

            r1=(-b)/(2\*a);

            System.out.println("Roots of equation are "+r1);

        } else{

            System.out.println("Roots are imaginary");

        }

        s.close();

    }

}