

```

import java.util.Scanner;
class quadratic
{
    public static void main (String args[])
    {
        Scanner sc = new Scanner (System.in);
        System.out.println ("Enter a ");
        double a = sc.nextDouble();
        System.out.println ("Enter b value");
        double b = sc.nextDouble();
        System.out.println ("Enter c value");
        double c = sc.nextDouble();

        double d = b*b - 4*a*c;
        if (d > 0.0)
        {
            double r1 = (-b + Math.pow(d, 0.5)) / (2.0*a);
            double r2 = (-b - Math.pow(d, 0.5)) / (2.0*a);
            System.out.println ("Roots are r1" + r1 + " and r2" + r2);
        }
        else if (d == 0.0)
        {
            double r1 = (-b) / (2.0*a);
            System.out.println ("Roots are imaginary");
        }
        else
        {
            System.out.println ("No real roots");
        }
    }
}

```