Program to find Roots of quadratic equation:

```
import java.util.Scanner;
import java.lang.Math;
class quadratic {
    public static void main(String ss[])
    {
        int a, b, c;
        double root1, root2;
        Scanner nums = new Scanner(System.in);
        System.out.println("Enter the values of 'a', 'b' and 'c' for the
                            quadratic equation : ");
        a = nums.nextInt();
        b = nums.nextInt();
        c = nums.nextInt();
        System.out.println("The quadratic equation is : "+a+"x2+"+b+"x+"+c);
        d = b*b-(4*a*c);
        if (d>0)
        {
            root1 = (-b+Math.sqrt(d))/(2*a);
            root2 = (-b-Math.sqrt(d))/(2*a);
            System.out.println("The roots of the quadratic equation are real.");
            System.out.printf("Root 1 = %.4f", root1);
            System.out.printf("Root 2 = %.4f", root2);
        }
        else if (d==0)
        {
            root1 = (-b+Math.sqrt(d))/(2*a);
            root2 = (-b-Math.sqrt(d))/2*a);
            System.out.println("The roots of the quadratic equation are equal
                                and real.");
            System.out.printf("Root 1 = %.4f \n Root 2 = %.4f", root1, root2);
        }
```

```
else
{
    System.out.println("The roots of the quadratic equation are
                        not real");
}
}
}
```