```java
import java.util.Scanner;
class quad
{
    public static void main(String[] args)
    {
        Double a1,b1,c1,ans1,ans2,a2;
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the values of a,b,c for quad eqn in the form of ax^2+bx+c");
        System.out.println("where 'a' should be non zero");
        a1=sc.nextDouble();
        b1=sc.nextDouble();
        c1=sc.nextDouble();
        if(a1==0)
            System.out.println("'a' should be non zero");
        else
        {
            a2=(b1*b1)-(4*a1*c1);
            if(a2>0){

                System.out.println("roots are real and unequal");
                ans1=(-b1+Math.sqrt(a2))/(2*a1);
                ans2=(-b1-Math.sqrt(a2))/(2*a1);
                System.out.printf("The solutions of quad eqns are %.4f and %.4f \n",ans1,ans2);
            }
            else if(a2==0){
                System.out.println("roots are real and equal");
                ans1=((-b1+Math.sqrt(a2))/(2*a1));
                ans2=((-b1-Math.sqrt(a2))/(2*a1));
                System.out.printf("The solutions of quad eqns are %.4f and %.4f \n",ans1,ans2);

            }
            else
            {
                System.out.println("There are no real roots");

            }

        }
    }
}
```