```
import java.util.Scanner;
public class roots{
    public static void main(String[] args){
        double a,b,c,d;
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the values of a,b and c:");
        a= sc.nextDouble();
        b= sc.nextDouble();
        c = sc.nextDouble();
        d = ((b*b)-(4*a*c));
        if(d>0)
        {distinct(a,b,d);}
        else if (d==0)
        {equal(a,b,d);}
        else{System.out.println("NO REAL ROOTS!");}
    }
    public static void distinct(double a,double b,double d)
    {
        double x = Math.sqrt(d);
        double r1 = (-1*b+x)/(2*a);
        double r2 = (-1*b-x)/(2*a);
        System.out.println("The two roots:"+r1 +r2);
    }
    public static void equal(double a,double b,double d)
    {
        double x = Math.sqrt(d);
        double r1 = (-1*b+x)/(2*a);
        System.out.println("The two roots are"r1 +r1);
    }
```