Write a Java program to find the discriminant value D and find out the roots of the quadratic equation of the form ax2+bx+c=

import java.lang.Math;

import java.util.\*;

class Root

{

public static void main (String args[])

{

Scanner sc=new Scanner(System.in);

System.out.println("Enter a value");

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);

double R1,R2;

if(d>0)

{

R1=(-b+Math.sqrt(d))/(2\*a);

System.out.println("R1= "+R1);

R2=(-b-Math.sqrt(d))/(2\*a);

System.out.println("R2= "+R2);

}

else if(d==0)

{

R1=((-b)/(2\*a));

System.out.println("R1= "+R1);

R2=((-b)/(2\*a));

System.out.println("R2= "+R2);

}

else

{

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

}

}

}