1) Develop a Java program that prints all real solutions to the quadratic equation ax2 +bx+c = 0. Read in a, b, c and use the quadratic formula. If the discriminate b2 -4ac is negative, display a message stating that there are no real solutions.

0	Implement Buadratic Equation, print all real Solutions of equal ax+16x+c=0, Read to both and use quadratic formula
100000	import java-util-Beannes
	class quadratic
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	Scannes Scannes (Systeme 102)
	system out, println ("Enter values
	inta = Sc. nextIn t(),
0	Potb = Sc. nextInt();
2	int c = sc. nextInt();
	it (a = = o)
	System out paintln("Invalid");
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78	8ystem out parintla (d);
- 5	System out prints ("The solutions are");
	of cases
7	System out parattro d'à anots are unique
	/ System out printle (
1	double 91= (-b+ Math squt(a)) (2*a);
70	double 92 = (-b-Male. sqrf(d)) /2 xx1;
	double 91= (-b+ Math squt(a))/(2+2);  double 92 = (-b- Math squt(a)) (2 * x);  System. ord. painth(x1+" "+ x2);
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6	1+ (d == 0)1
1	System out printh (" soot core equel");
	do ble r = - b (2 * a);
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	if (d <0) !
	system - out perintho (" foot are ( marginay ")
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Enter values of a, b, C	
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java.util.Scanner;
public class quad {
  public static void main(String[] args) {
     Scanner sc = new Scanner(System.in);
     System.out.print("Enter value for a: ");
     double a = sc.nextDouble();
     System.out.print("Enter value for b: ");
     double b = sc.nextDouble();
     System.out.print("Enter value for c: ");
     double c = sc.nextDouble();
     double discriminant = b * b - 4 * a * c;
     if (discriminant > 0) {
       double root1 = (-b + Math.sqrt(discriminant)) / (2 * a);
       double root2 = (-b - Math.sqrt(discriminant)) / (2 * a);
       System.out.println("Roots are: " + root1 + " and " + root2);
     \} else if (discriminant == 0) {
       double root = -b / (2 * a);
       System.out.println("Root is: " + root);
     } else {
       System.out.println("No real solutions.");
  }
```

C:\Users\hp\Desktop\java>