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import java.util.*; import java.lang.Math.*; class Main { public static void main (String args[]) { Scanner s = new Scanner(System.in); int a,b,c; double r1,r2, im1, im2; System.out.println(" Enter the coefficients"); a= s.nextInt(); b = s.nextInt(); c=s.nextInt(); int d= (b*b - (4*a*c)); System.out.println(" Discriminant=" +d); if(d>0) { System.out.println(" Roots are real and distinct\n"); r1= (-b + Math.sqrt (d))/ (2*a); r2=(-b - Math.sqrt (d))/ (2*a); System.out.println(" The roots are:" +r1+ "and" +r2); } else if(d==0) { System.out.println(" Roots are real and equal\n"); r1=r2= -b/ (2*a); System.out.println(" The roots are:" +r1+ "and"+r2); } else { System.out.println(" There is no real solution "); } }}
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