#import java.util.*; #import java. lang. x; class quadratic public static total check D & (double a, double b, double c) double & 6 b (b xb) (4 xaxc); D- Math. sqrt ((bxb)-(4 *axc)); double tempo, D; temp = ((b*b) - (4*a*c)); if (temp == 0) System out printain ("Given equation has red & some room else if (temp>0) System. out println ("Given equation has real & distinct room else & System.out. println ("Given equation has no real roots") if (temp >=0) D= sort Math. sort ("temp), else D= Moth sqrt (-temp); return D; return temp; public static void print Roots (double a, double b, double D) } if (temp >= 0) D-M double d= Math. sqrt (D) else & d= Math. sgrt (-temp); double root 1, root 2; double temp 1; temp 2; if (D>=0) { root 1 = (-b + d)(2 * a);root2=((-b+d)/(2 x a)); 3 System. out. println ("R1 = " + root 1 + ", R2 = " + root2); else if (D>0) { else } 10 100 root temp 1= (-b) 0 1(2 x a));

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System. out. println ("Roots are
   System. out. println ("R1="+ temp1+"+"+ d+"i");
  System. out, println ("R2="+temp1+"-"+d+"i");
public static void main (String[] args) }
 Scanner S= new Scanner (System.in),
  double a, b, c, b;
 System.out.println(" Enter values of a, b, c respectively is
                    equation ax 2+bx+c");
  a= s-nextDouble();
  b = S.nextDouble();
  C = S. next Double();
  D= checkD(a,b,c);
   printRoots (a,b,B);
```