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LAB1_QuadraticEquation
import java.util.Scanner;
class quadratic_equation
{
        public static void main(String[]args)
       {
                double a, b, c, sum, root1, root2;
               Scanner in = new Scanner(System.in);
               System.out.println("Enter the constants a,b, and c for the quadratic equation ax^2 + bx
+ c");
               a=in.nextDouble();
               b=in.nextDouble();
               c=in.nextDouble();
               sum= (b*b)-(4*a*c);
               if(sum>0)
               {
                        System.out.println("Roots are real and unequal" + sum);
                        root1=(-b + Math.sqrt(sum))/(2*a);
                        root2=(-b - Math.sqrt(sum))/(2*a);
                       System.out.println("Roots are" + root1 + "and" + root2 );
               }
               else if(sum==0)
```

(program exited with code: 0)

Press any key to continue . . . _