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C:\Users\abc\Desktop\quadratic.java - Notepad++ [Administrator]
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
 🗎 quadratic java 🗵
       dedicave I |
import java.util.Scanner;
public class quadratic {
    public static void main(String[] args) {
        //Taking input
        double a,b,c;
        Scanner input = new Scanner(System.in);
        System.out.println("Enter the value of coefficents: ");
        System.out.print("a = ");
        a = input.nextDouble();
        System.out.print("b = ");
        b = input.nextDouble();
        System.out.print("b = ");
        b = input.nextDouble();
        System.out.print("c = ");

                       System.out.print("c = "
c = input.nextDouble();
                       //Declaring roots variables
                       //Calculating discriminant
double d = b*b - 4*a*c;
                        //Checking for roots
                      //Checking Tot avoca
if(d>5) {
    System.out.println("Real and Distinct roots.");
    r1 = (-b Math.sqrt(d)) / (2 * a);
    r2 = (-b - Math.sqrt(d)) / (2 * a);
    System.out.println("Roots are " +r1+ " and " +r2);
}
                       else if(d=0) {
    System.out.println("Real and Equal roots.");
    r1 = -b / (2.0 * a);
    r2 = r1;
    System.out.println("Roots are " +r1+ " and " +r2);
                            System.out.println("There are no real solutions.");
                                                                                                                               length: 986 lines: 41
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                                                                                                                                                                                                                    Windows (CR LF) UTF-8
          _ D X
    Administrator: Command Prompt
   C:\Users\abc\Desktop)java quadratic
Enter the value of coefficents :
   a = 1
b = 2
   Real and Equal roots.
Roots are -1.0 and -1.0
                                                                                                                                                                                                                                                            Ε
   C:\Users\abc\Desktop>java quadratic
Enter the value of coefficents :
   Billier the value of coefficients
a = 1
b = 5
c = 3
Real and Distinct roots.
Roots are -0.6972243622680054 and -4.302775637731995
```

C:\Users\abc\Desktop>java quadratic Enter the value of coefficents : a = 1 b = 1

There are no real solutions.

C:\Users\abc\Desktop}_

= 1