C:\Program Files\Java\bin\basic\1_quadratic.java (mod-4) - Sublime Text (UNREGISTER

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```
1 quadratic.java
      import static java.lang.Math.sqrt;
      import java.util.Scanner;
      class Quadratic{
          public static void main(String args[]){
4
              Scanner s1=new Scanner(System.in);
5
              System.out.println("Enter a, b and c in ax^2+bx+c=0");
6
              int a=s1.nextInt();
7
              int b=s1.nextInt();
8
              int c=s1.nextInt();
9
              int d=b*b-4*a*c;
10
              double x1,x2;
11
12
              if(d>0){
                   x1=(-b+sqrt(d))/(2*a);
13
                  x2=(-b-sqrt(d))/(2*a);
14
                   System.out.println("The solutions are real");
15
                   System.out.printf("x1=%.4f",x1);
16
                   System.out.printf("\nx2=%.4f",x2);
17
18
               else if(d==0)
19
20
                   double x=2*a;
21
                   x1=-b/x;
22
                   System.out.println("The solutions are real and equal");
23
                   System.out.println("x1=x2="+x1);
24
25
26
                   System.out.println("There exists no real solutions");
28
29
30
```

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```
1 quadratic.java
import static java.lang.Math.sqrt;
                                                                 Command Prompt
import java.util.Scanner;
class Ouadratic{
                                                                C:\Program Files\Java\bin\basic>javac 1 quadratic.java
   public static void main(String args[]){
                                                                'javac' is not recognized as an internal or external command,
       Scanner s1=new Scanner(System.in);
                                                                operable program or batch file.
       System.out.println("Enter a, b and c in ax^2+bx+c=0"):
       int a=s1.nextInt();
       int b=s1.nextInt();
                                                                C:\Program Files\Java\bin\basic>set path="C:\Program Files\Java\bin"
       int c=s1.nextInt();
       int d=b*b-4*a*c:
                                                                C:\Program Files\Java\bin\basic>javac 1 quadratic.java
       double x1.x2;
       if(d>0){
           x1=(-b+sqrt(d))/(2*a);
                                                                C:\Program Files\Java\bin\basic>java Quadratic
           x2=(-b-sort(d))/(2*a);
                                                                Enter a, b and c in ax^2+bx+c=0
           System.out.println("The solutions are real");
                                                                4 4 1
           System.out.printf("x1=%.4f",x1):
                                                                The solutions are real and equal
           System.out.printf("\nx2=%.4f",x2);
                                                                x1=x2=-0.5
        else if(d=0)
                                                               C:\Program Files\Java\bin\basic>javac 1 quadratic.java
           double x=2 a:
           x1=-b/x;
                                                               C:\Program Files\Java\bin\basic>java Quadratic
           System.out.println("The solutions are real and equal");
                                                               Enter a, b and c in ax^2+bx+c=0
           System.out.println("x1=x2="+x1);
                                                               2 4 5
                                                               There exists no real solutions
           System.out.println("There exists no real solutions");
                                                               C:\Program Files\Java\bin\basic>javac 1 quadratic.java
                                                               C:\Program Files\Java\bin\basic>java Ouadratic
                                                               Enter a, b and c in ax^2+bx+c=0
                                                               2 4 1
                                                               The solutions are real
                                                               x1 = -0.2929
                                                               x2=-1.7071
                                                               C:\Program Files\Java\bin\basic>_
```