

quad.java

C:\Users\Harshita\Desktop> java -cp . quad.java

```
1 import java.util.Scanner;
2 class equation
3 {
4     public static void main(String args[]){
5         double r1=0,r2=0;
6         Scanner root =new Scanner(System.in);
7         System.out.print("Enter the value of a in ax^2+bx+c=0:");
8         double a=root.nextDouble();
9         System.out.print("Enter the value of b of ax^2+bx+c=0:");
10        double b=root.nextDouble();
11        System.out.print("Enter the value of c ax^2+bx+c=0:");
12        double c=root.nextDouble();
13        double n=2*a;
14        double D=(b*b)-4*a*c;
15        if(D>0)
16        {
17            System.out.println("solutions real and distinct");
18            r1=(-b+ Math.sqrt(D))/n;
19            r2=(-b- Math.sqrt(D))/n;
20            System.out.println("solutions are");
21            System.out.println(r1);
22            System.out.println(r2);
23        }
24        else if(D==0)
25        {
26            System.out.println("solution real and equal");
27            r1=r2=-b/n;
28            System.out.println("solutions are");
29            System.out.println(r1);
30            System.out.println(r2);
31        }
32        else
33        {
34            System.out.println("NO real solutions");
35        }
36    }
37 }
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Java JavaSE-15

Type here to search

14:31 09-11-2020

quad.java

quad.java > ...  
1  
2 import java.util.\*;  
3 import java.lang.String;  
4 class equation  
5 {  
6 public static void main(String args[]){  
7 double r1=0,r2=0;  
8 Scanner root =new Scanner(System.in);  
9 System.out.print("Enter the value of a in ax^2+bx+c=0:");  
10 double a=root.nextDouble();  
11 System.out.print("Enter the value of b of ax^2+bx+c=0:");  
12 double b=root.nextDouble();  
13 System.out.print("Enter the value of c ax^2+bx+c=0:");  
14 double c=root.nextDouble();  
15 double n=2\*a;  
}

Run | Debug

PROBLEMS 66

OUTPUT

DEBUG CONSOLE

TERMINAL

1: powershell

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PS C:\Users\Harshita\Desktop\java> javac quad.java  
> java equation  
Enter the value of b of ax^2+bx+c=0:2  
Enter the value of c ax^2+bx+c=0:1  
solution real and equal  
solutions are  
-1.0  
-1.0  
PS C:\Users\Harshita\Desktop\java> java equation  
=0:2  
Enter the value of b of ax^2+bx+c=0:3  
Enter the value of c ax^2+bx+c=0:4  
NO real solutions  
PS C:\Users\Harshita\Desktop\java>

PS C:\Users\Harshita\Desktop\java  
Enter the value of a in ax^2+bx+c=0:1  
  
Enter the value of a in ax^2+bx+c

Build failed, do you want to continue?

Source: Debugger for Java (Extension)

Proceed

Fix...

Cancel

Ln 3, Col 29 Spaces: 4 UTF-8 CRLF Java JavaSE-15

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