



The image shows a screenshot of a code editor window with a dark theme. The editor displays a Java program for solving a quadratic equation. The code is as follows:

```
8 import java.util.*;
9 public class Main
10 {
11     public static void main(String[] args) {
12         double a,b,c,d,r1,r2;
13         System.out.println("Enter the values of a,b and c");
14         Scanner sc = new Scanner(System.in);
15         a = sc.nextDouble();
16         b = sc.nextDouble();
17         c = sc.nextDouble();
18         d=(b*b)-(4*a*c);
19         if(d>0)
20         {
21             r1=(-b+Math.sqrt(d))/(2*a);
22             r2=(-b-Math.sqrt(d))/(2*a);
23             System.out.println("Root1="+r1+"Root2="+r2);
24         }
25         else if(d==0)
26         {
```

The editor's interface includes a top toolbar with buttons for Run, Debug, Stop, Share, Save, Beautify, and a download icon. The file name 'Main.java' is shown in the tab, and the language is set to 'Java'. On the left side, there is a sidebar with a search bar and a list of items, including 'beta', 'gger for', 'debug', 'new', 'ming', 'estions', and a '+ 4.5K' entry. A cursor is visible on line 16, positioned after the closing brace of the 'nextDouble()' method call.

RunDebugStopShareSaveBeautify

Main.javaLanguageJava

```
18 c = sc.nextDouble();
19 d=(b*b)-(4*a*c);
20 if(d>0)
21 {
22 r1=(-b+Math.sqrt(d))/(2*a);
23 r2=(-b-Math.sqrt(d))/(2*a);
24 System.out.println("Root1="+r1+"Root2="+r2);
25 }
26 else if(d==0)
27 {
28 r1=r2=-b/(2*a);
29 System.out.println("Root1=Root2="+r1);
30 }
31 else
32 {
33 System.out.println("There are no real solutionss for the given equation");
34 }
35 }}
36
37
```

input

Enter the values of a,b and c  
1  
1  
1  
There are no real solutions for the given equation

...Program finished with exit code 0  
Press ENTER to exit console.



Enter the values of a,b and c

1

-2

1

Root1=Root2=1.0

...Program finished with exit code 0

Press ENTER to exit console.

I

input