



C/C++

code. compile. run. debug.  
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ADS VIA CARBON

```
1 // *****
2
3
4 Online Java Compiler.
5 Code, Compile, Run and Debug java
6 Write your code in this editor and press "Run" button
7 *****
8
9 import java.util.Scanner;
10
11 public class Main {
12
13     public static void main(String[] args) {
14         Scanner scanner = new Scanner(System.in);
15         System.out.println("Enter three integers:");
16         int a, b, c;
17         a = scanner.nextInt();
18         b = scanner.nextInt();
19         c = scanner.nextInt();
20
21         double dis;
22         dis = Math.sqrt(b*b - 4*a*c);
23
24         if(dis > 0)
25         {
26             double root1, root2;
27             root1 = (-b + dis)/(2.0*a);
28             root2 = (-b - dis)/(2.0*a);
29             System.out.println("The roots are real");
30         }
31         else if(dis == 0)
32         {
33             double root;
34             root = -b/(2.0*a);
35             System.out.println("The roots are real");
36         }
37         else
38             System.out.println("No real solutions.");
39     }
40 }
```



Online Java Compiler.

Run and Debug java program online.

and press "Run" button to execute it.

\*\*\*\*\*/

```
public static void main(String[] args) {  
    Scanner(System.in);  
    System.out.println("Enter three integers:");
```

```
    double a = ...;  
    double b = ...;  
    double c = ...;
```

```
    double root1 = (-b + Math.sqrt(b*b - 4*a*c)) / (2.0*a);  
    double root2 = (-b - Math.sqrt(b*b - 4*a*c)) / (2.0*a);
```

```
    if (b*b > 4*a*c) {  
        System.out.println("The roots are real and distinct and their values are "+root1+ " and "+root2);
```

```
    } else if (b*b == 4*a*c) {  
        System.out.println("The roots are real and equal and their value is equal to "+root);
```

```
    } else {  
        System.out.println("No real solutions.");
```



input

Enter three integers:

1

8

15

The roots are real and distinct  
and their values are -3.0 and -5.

0

...Program finished with exit co  
de 0

Press ENTER to exit console.



Enter three integers:

1

2

1

q. The roots are real and equal and  
Q their value is equal to -1.0

<

s

...Program finished with exit co  
de 0

Press ENTER to exit console.

Enter three integers:

1

1

1

No real solutions.

...Program finished with exit code 0

Press ENTER to exit console.

