

```
import java.util.Scanner;
public class main {
    public static void main (String args[])
    {
        Scanner scanner = new Scanner(System.in);
        System.out.println("enter three integers:");
        int a, b, c;
        a = scanner.nextInt();
        b = scanner.nextInt();
        c = scanner.nextInt();
```

```
double dis;
dis = Math.sqrt(b*b - 4*a*c);
if (dis > 0)
{
    double root1, root2;
    root1 = (-b + dis) / (2.0 * a);
    root2 = (-b - dis) / (2.0 * a);
```

```
System.out.println("The roots are real and  
distinct and their values are  
" + root1 + " and " + root2);
```

```
else if (dis == 0)
{
    double root;
```

```
root = -b / (2.0 * a);
```

System.out.println("The roots are equal and equal and their value is equal to " + root);

g.

else

System.out.println("No real solutions")

g

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