

```
import java.util.Scanner;
```

```
public class Main {
```

```
    public static void main(String[] args) {
```

```
        double a, b, c, root1, root2;
```

```
        double disc;
```

```
        Scanner sc = new Scanner(System.in);
```

```
        System.out.println("Enter the value of b:");
```

```
        b = sc.nextDouble();
```

```
        System.out.println("Enter the value of a:");
```

```
        a = sc.nextDouble();
```

```
        System.out.println("Enter the value of c:");
```

```
        c = sc.nextDouble();
```

```
        disc = b * b - 4 * a * c;
```

```
        if (disc > 0)
```

```
        {
```

```
            root1 = (-b + Math.sqrt(b * b - 4 * a * c)) / (2 * a);
```

```
            root2 = (-b - Math.sqrt(b * b - 4 * a * c)) / (2 * a);
```

```
            System.out.println("First root is: " + root1);
```

```
            System.out.println("Second root is: " + root2);
```

```
        }
```

```
        else if (disc == 0)
```

```
        {
```

```
            root1 = -b / (2 * a);
```

```
            System.out.println("Both roots are equal to: " + root1);
```

```
        }
```

```
        else if (disc < 0)
```

```
        {
```

```
            System.out.println("Real roots don't exist");
```

```
        }
```

```
    }
```

```
}
```