

```
import java.util.Scanner;

public class Day8 {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        System.out.print("Enter the coefficient of x^2: ");
        double a = sc.nextDouble();

        System.out.print("Enter the coefficient of x: ");
        double b = sc.nextDouble();

        System.out.print("Enter the constant term: ");
        double c = sc.nextDouble();

        double delta = b * b - 4 * a * c;
        double root1, root2;

        if (delta > 0) {
            root1 = (-b + Math.sqrt(delta)) / (2 * a);
            root2 = (-b - Math.sqrt(delta)) / (2 * a);

            System.out.println("Roots are: " + root1 + " and " +
root2);
        } else if (delta == 0) {
            root1 = root2 = -b / (2 * a);

            System.out.println("Root is: " + root1);
        } else {
            double realPart = -b / (2 * a);
            double imaginaryPart = Math.sqrt(-delta) / (2 * a);
```

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        System.out.println("Roots are: " + realPart + "+i" +
imaginaryPart + " and " + realPart + "-i" + imaginaryPart);
    }
}
}
```