

QuadraticEquations Mastery ErrorLog

During my coding I only ran the program once, at its completion. During this I didn't encounter any errors, logical or syntax

Final rendition of my code.

```
package Mastery;

import java.util.Scanner;

public class QuadraticEquations {

    public static void main(String[] args) {

        //Preparing for user input
        Scanner userInput = new Scanner(System.in);

        //Prompt and record the user for a
        System.out.print("Enter value for a: ");
        double a = userInput.nextDouble();

        //Prompt and record the user for b
        System.out.print("Enter value for b: ");
        double b = userInput.nextDouble();

        //Prompt and record the user for c
        System.out.print("Enter value for c: ");
        double c = userInput.nextDouble();

        //Calculates the neg, and pos roots
        double ansPos = (-b + Math.sqrt(Math.pow(b, 2) - 4 * a * c)) / (2 * a);
        double ansNeg = (-b - Math.sqrt(Math.pow(b, 2) - 4 * a * c)) / (2 * a);

        //Displays the roots
        System.out.print("The roots are " + ansPos + " and " + ansNeg);
    }
}
```

Example output:

```
Enter value for a: 1      Enter value for a: 1
Enter value for b: 7      Enter value for b: 7
Enter value for c: 90      Enter value for c: -90
The roots are NaN and NaN  The roots are 6.611874208078342 and -13.611874208078342
```