

Reflection Logs

Credit name: Chapter 4

Assignment Name: Mastery - QuadraticEquation

```
System.out.print("Enter the value of a: ");  
double a = userInput.nextDouble();  
System.out.print("Enter the value of b: ");  
double b = userInput.nextDouble();  
System.out.print("Enter the value of c: ");  
double c = userInput.nextDouble();
```

Ask user for enter the values of a, b, and c for the equation

```
double root1 = ((-b + (int)Math.sqrt(b*b - 4*a*c))) / (2*a);  
double root2 = ((-b - (int)Math.sqrt(b*b - 4*a*c))) / (2*a);  
System.out.print("The roots are " + root1 + " and " +root2);
```

Calculate the value of the roots