Credit Name: CSE 2nd Language Programming Credit Assignment Name: #11 QuadraticEquations Assignment

How has your program changed from planning to coding to now? Please explain?:

The plan was to ask the user for values of "a,b,c" and make the quadratic formula, But in coding, what changed was adding roots, and calculating the value.

```
public class QuadraticEquations {
public static void main(String[] args) {
     Scanner scanner = new Scanner(System.in);

     System.out.println("Quadratic Equation Solver");
     System.out.println("===========");

     // Input: Prompt the user for coefficients a, b, and c
     System.out.print("Enter value for a: ");
     double a = scanner.nextDouble();

     System.out.print("Enter value for b: ");
     double b = scanner.nextDouble();

     System.out.print("Enter value for c: ");
     double c = scanner.nextDouble();
```

First I need to ask the user for the values of a, b, and c and make a variable for each one.

After receiving the values I have to calculate the roots from the equation and than prompt it to the user of what the two roots are.