The Quadratic Equation Solver is a C program designed to assist users in finding the roots of a quadratic equation. This report provides a concise overview of the program's structure and design choices.

*Program Structure*

1. **Libraries**
   * The program includes **stdio.h** and **math.h** for input/output and mathematical calculations.
2. **User Interaction**
   * In the **main** function, users enter coefficients (a, b, and c).
3. **Calculations and Display**
   * The program calculates the discriminant and displays the entered equation.
4. **Roots Analysis**
   * Based on the discriminant, the program calculates and displays real or complex roots.
   * Special attention is given to avoiding displaying "negative zero."
5. **Conclusion**
   * The program returns 0 upon successful execution.

*Conclusion*

The Quadratic Equation Solver is a user-friendly tool for understanding and solving quadratic equations. It ensures clear and accurate output while using the **double** data type for precise results, suitable for both integers and fractions.