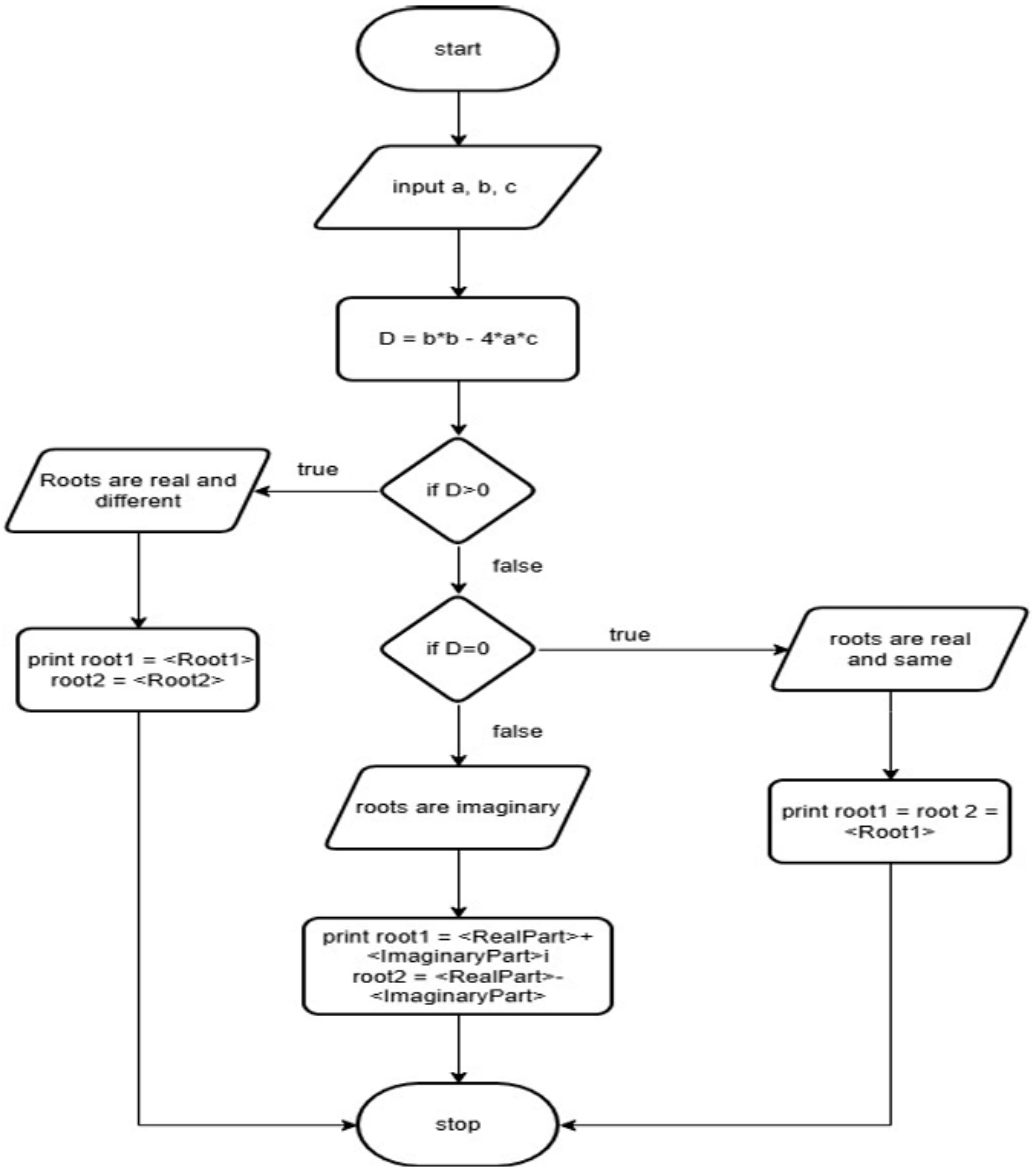
2.1.1 : Roots of a Quadratic Equation

Flow Chart :



Algorithm :

1. Start
2. Read values of a, b, and c
3. Calculate discriminant $D = b^2 - 4ac$

4. If D > 0
   - Find two real roots using the quadratic formula
   - Print both roots
5. If D = 0
   - Find one real root
   - Print the same root twice
6. If D < 0
   - Find real and imaginary parts
   - Print two imaginary roots
7. Stop