Java program 1 — Quadratic equations

```java
import java.util.Scanner;
import java.lang.Math;
public class Quad {
    public static void main(String arg[])
    {
        System.out.println("Enter values of a,b and c of a quadratic
                            equation");
        Scanner sc = new Scanner(System.in);
        int a,b,c;
        a = sc.nextInt();
        b = sc.nextInt();
        c = sc.nextInt();
        double d, x1, x2;
        d = b*b - 4*a*c;
        if (d<0)
        {  System.out.println("Equation does not have real roots"); }
        else
        {   x1 = (-b + Math.sqrt(d))/(2*a);
            x2 = (-b - Math.sqrt(d))/(2*a);
            System.out.println("Roots are :\nx1="+x1+"\nx2="+x2);
        }
    }
}
```