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// CMP 167: Programming Methods I

import java.util.Scanner;

public class Quadratic {

public static void main(String[] args) {

double a, b, c;

double root1, root2;

Scanner in = new Scanner(System.in);

System.out.print("Enter a: ");

a = in.nextDouble();

System.out.print("Enter b: ");

b = in.nextDouble();

System.out.print("Enter c: ");

c = in.nextDouble();

root1 = (-b + Math.sqrt(b\*b - 4\*a\*c)) / (2\*a);

root2 = (-b - Math.sqrt(b\*b - 4\*a\*c)) / (2\*a);

System.out.println("Root 1 is " + root1);

System.out.println("Root 2 is " + root2);

}

}