Write java code to determine if having inputted a, b and c if the quadratic has real roots or not.

import java.util.Scanner;

public class MathsExercises {

public static void main(String[] args) {

// Testing quadratics

double a,b,c;

boolean RealRoot= false;

Scanner InputData=new Scanner(System.in);

System.out.println("Enter a" );

a=InputData.nextDouble();

System.out.println("Enter b" );

b=InputData.nextDouble();

System.out.println("Enter c" );

c=InputData.nextDouble();

if (Math.pow(b, 2)-4\*a\*c>0) {

RealRoot=true;

System.out.println("Real Roots" );

System.out.println(RealRoot);

} else {

System.out.println("No Real Roots" );

System.out.println(RealRoot);

}

InputData.close();

}

}



