

import java.util.Scanner;  
class equation  
{

public static void main(String args[])  
{

Scanner sc = new Scanner(System.in);

double a, b, c, r1, r2, d;

System.out.println("Enter the values of  
a, b, c");

a = sc.nextDouble();

b = sc.nextDouble();

c = sc.nextDouble();

d = (b\*b) - (4\*a\*c);

if (d < 0)

System.out.println("No real roots for the  
given quadratic equation");

else if (d >= 0)  
{

r1 = (-b + (Math.sqrt(d))) / (2\*a);

r2 = (-b - (Math.sqrt(d))) / (2\*a);

if (d == 0)  
{

System.out.println("Roots are real  
and equal");

System.out.println("The roots are:  
%2.0f and %2.0f", r1, r2);  
}

else  
{

System.out.println("Roots are  
real and unequal");

System.out.println("The roots are:



}  
}  
}  
} %0.2f and %02.f", x1, x2);