```
package quadratic_equation;
import java.util.Scanner;
* @author MARTIN ABRAHAM
public class Quadratic_equation {
  /**
  * @param args the command line arguments
  public static void main(String[] args) {
    // TODO code application logic here
  Scanner input = new Scanner(System.in);
System.out.print("Enter the value of a: ");
double a = input.nextDouble();
System.out.print("Enter the value of b: ");
double b = input.nextDouble();
System.out.print("Enter the value of c: ");
double c = input.nextDouble();
double d= b * b - 4.0 * a * c;
if (d > 0.0)
double r1 = (-b + Math.pow(d, 0.5)) / (2.0 * a);
double r2 = (-b - Math.pow(d, 0.5)) / (2.0 * a);
System.out.println("The roots are " + r1 + " and " + r2);
}
else if (d == 0.0)
double r1 = -b / (2.0 * a);
System.out.println("The root is " + r1);
else
System.out.println("Roots are not real.");
  }
}
```