public class Main {

public static void main(String[] args) {

double a = 3, b = 6, c = -1;

double root1, root2;

double determinant = b \* b - 4 \* a \* c;

if (determinant > 0) {

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

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

System.out.format("root1 = %.2f and root2 = %.2f", root1, root2);

}

else if (determinant == 0) {

root1 = root2 = -b / (2 \* a);

System.out.format("root1 = root2 = %.2f;", root1);

}

else

{

double real = -b / (2 \* a);

double imaginary = Math.sqrt(-determinant) / (2 \* a);

System.out.format("root1 = %.2f+%.2fi", real, imaginary);

System.out.format("\nroot2 = %.2f-%.2fi", real, imaginary);

}

}

}

