

```
/*
 * Adds two given integers and prints the result in a fancy way.
 */
//import java.util.Scanner;
/*
 * Adds two given integers and prints the result in a fancy way.
 */
public class AddTwo {

    /**
     * @param args
     */
    public static void main(String[] args) {
        //try (// Put your code here
        // Scanner Keyboard = new Scanner(System.in)) {
            //System.out.println("enter a number");

            // System.out.println("enter another number");

            int x = Integer.parseInt(args[0]);

            int y = Integer.parseInt(args[1]);

            int z = x + y;
            System.out.println(x + " + " + y + " = " + z);
        }
    }
}
```

```

/*
 * Write a program that gets a quantity of cents as a command-line argument.
 * The program prints how to represent this quantity using as many quarters as
 * possible, plus the remainder in cents.
 */
//import java.util.Scanner;
/*
 * Write a program that gets a quantity of cents as a command-line argument.
 * The program prints how to represent this quantity using as many quarters as
 * possible, plus the remainder in cents.
 */
public class Coins {
    public static void main(String[] args) {
        // Put your code here
        //Scanner keyboard = new Scanner(System.in);

        int x = Integer.parseInt(args[0]);
        int quarter = 25;
        int cent=1;

        int y = x / quarter;
        int z = x % quarter;

        System.out.println("Use " + y + " quarters and " + z + " cents");
    }
}

```

```

/*
 * Solves linear equations of the form  $a \cdot x + b = c$ .
 * The program gets a, b, and c as command-line arguments,
 * computes x, and prints the result.
 * Treats the three arguments as well as the computed value as double values
 */
//import java.util.Scanner;
/*
 * Solves linear equations of the form  $a \cdot x + b = c$ .
 * The program gets a, b, and c as command-line arguments,
 * computes x, and prints the result.
 * Treats the three arguments as well as the computed value as double values
 */

public class LinearEq {
    // Put your code here
    public static void main(String[] args) {
        // Put your code here
        // Scanner keyboard = new Scanner(System.in);

        double a = Double.parseDouble(args[0]);
        double b = Double.parseDouble(args[1]);
        double c = Double.parseDouble(args[2]);

        if (a==0){System.out.println("error ");}
        else{

            double result = (c - b) / a;
            System.out.println(a + " * x + " + b + " = " + c);
            System.out.println("x = " + result);
        }
    }
}

```

```

/
//import java.util.Scanner;
/*
 * Three sides can form a triangle if the sum of the lengths of any two sides is greater
than the length of the remaining side.
 * This is known as the Triangle Inequality Theorem.
 * Write a program that tests if three given integers form a triangle.
 */
public class Triangle {
    public static void main(String[] args) {
        // Put your code here

        //Scanner keyboard = new Scanner(System.in);

        /* if (a+b>c && b+c>a && c+a>b){

            System.out.print( c+"; true");

        }
        else{System.out.println(c+"; false");}*/
        int a = Integer.parseInt(args[0]);
        int b = Integer.parseInt(args[1]);
        int c = Integer.parseInt(args[2]);

        boolean result = (a + b > c) && (a + c > b) && (b + c > a);
        System.out.println(a + ", " + b + ", " + c + ": " + result);
    }
}

```

```
/*  
 * Generates three random integers, each in a given range [a,b),  
 * prints them, and then prints the minimal number that was generated.  
 */  
public class GenThree {  
    public static void main(String[] args) {  
        int a = Integer.parseInt(args[0]);  
        int b = Integer.parseInt(args[1]);  
  
        int c = a + (int)(Math.random() * (b - a));  
        int k = a + (int)(Math.random() * (b - a));  
        int f = a + (int)(Math.random() * (b - a));  
  
        int min = Math.min(c, Math.min(k, f));  
  
        System.out.println(c);  
        System.out.println(k);  
        System.out.println(f);  
  
        System.out.println("The minimal generated number was " + min);  
    }  
}
```