```java
/*
 * Adds two given integers and prints the result in a fancy way.
 */
public class AddTwo {
    public static void main(String[] args) {
        //Receives two integers and prints the result of their addition in a fancy way.
        int a = Integer.parseInt(args[0]);
        int b = Integer.parseInt(args[1]);
        int result = a + b;
        System.out.println(a + " + " + b + " = " + (a + b));
    }
}

```

```java
/*
 * 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) {
        //Receives a number of cents and prints the representation of them in quarters
        and cents using as many quarters as possible.
        int cents = Integer.parseInt(args[0]);
        int quarter = cents / 25;
        int remnants = cents % 25;
        System.out.println("Use " + quarter + " quarters and " + remnants + " cents");
    }
}

```

```java
/*
 * Solves linear equations of the form a□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 {
    public static void main(String[] args) {
        //Receives three arguments a,b,c and solves the equation a * x + b = c.
        double a = Double.parseDouble(args[0]);
        double b = Double.parseDouble(args[1]);
        double c = Double.parseDouble(args[2]);
        double x = (c - b) / a;
        //Prints the equation and the result of x.
        System.out.println(a + " * x + " + b + " = " + c);
        System.out.println("x = " + x);
    }
}
```

```java
/*
 * 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) {
        //Receives three numbers, checks if they can form a triangle and prints the result.
        int tside1 = Integer.parseInt(args[0]);
        int tside2 = Integer.parseInt(args[1]);
        int tside3 = Integer.parseInt(args[2]);
        if ((tside1 + tside2 > tside3) && (tside1 + tside3 > tside2) && (tside2 + tside3 > tside1)) {
            System.out.println(tside1 + ", " + tside2 + ", " + tside3 + ": true");
        }
        else {
            System.out.println(tside1 + ", " + tside2 + ", " + tside3 + ": false");
        }
    }
}

```

```java
/*
 * 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) {
        //Receives a range, generates three random numbers in it and prints them.
        int a = Integer.parseInt(args[0]);
        int b = Integer.parseInt(args[1]);
        int randnum1 = (int) ((Math.random() * (b - a)) + a);
        int randnum2 = (int) ((Math.random() * (b - a)) + a);
        int randnum3 = (int) ((Math.random() * (b - a)) + a);
        System.out.println(randnum1);
        System.out.println(randnum2);
        System.out.println(randnum3);
        //Find the minimum number and prints it.
        int min = Math.min(randnum1 , randnum2);
        int minimum = Math.min(randnum3 , min);
        System.out.println("The minimal generated number was " + minimum);
    }
}

```