```java
/*
 * Adds two given integers and prints the result in a fancy way.
 */
public class AddTwo {
    public static void main(String[] args) {
        var firstNumber = Integer.parseInt(args[0]);
        var secondNumber = Integer.parseInt(args[1]);
        System.out.printf("%d+%d=%d%n", firstNumber, secondNumber,
firstNumber + secondNumber);
    }
}
```

```
/*
 * 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) {
        var numberOfCents = Integer.parseInt(args[0]);
        //Check how many times I can put 25 in the number of cents
        var numberOfQuartersCoins = numberOfCents / 25;
        //Check what is the remaining cents
        var numberOfCentsCoins = numberOfCents % 25;
        System.out.printf("Use %d quarters and %d cents",
numberOfQuartersCoins, numberOfCentsCoins);
    }
}
```

```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) {
        var a = Double.parseDouble(args[0]);
        var b = Double.parseDouble(args[1]);
        var c = Double.parseDouble(args[2]);
        var x = (c - b) / a;
        System.out.printf("x = %f", x);
    }
}
```

```
/*
 * 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) {
        var sideA = Integer.parseInt(args[0]);
        var sideB = Integer.parseInt(args[1]);
        var sideC = Integer.parseInt(args[2]);
        //Check if the sum of every two sides is greater than the third side
        boolean result = sideA + sideB > sideC && sideA + sideC > sideB && sideC + sideB > sideA;
        System.out.printf("%d, %d, %d: %b", sideA, sideB, sideC, result);
    }
}
```

```java
/*
 * Generates three random integers, each in a given range [a,b),
 * prints them, and then prints the minimal number that was generated.
 */

import java.util.Random;

public class GenThree {
    public static void main(String[] args) {
        var min = Integer.parseInt(args[0]);
        var max = Integer.parseInt(args[1]);
        Random rand = new Random();
        var firstRandom = rand.nextInt(min, max);
        var minNumber = firstRandom;
        System.out.println(firstRandom);
        for (int i = 0; i < 2; i++) {
            var random = rand.nextInt(min, max);
            System.out.println(random);
            //Check if the new random number is less then the current minimum
            if (random < minNumber) {
                minNumber = random;
            }
        }
        System.out.printf("The minimal generated number was %d",
minNumber);

    }
}
```