```java
/*
 * Adds two given integers and prints the result in a fancy way.
 */
public class AddTwo {
    public static void main(String[] args) {
        // Put your code here
        int x = Integer.parseInt(args[0]);
        int y = Integer.parseInt(args[1]);
        // prints the result of 2 given integers.
        System.out.println( x + " + " + y + " = " + (x + y));
    }
}

```

```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) {
        int receivedCents = Integer.parseInt(args[0]);
        // calculates number of quarters
        int quarters = receivedCents / 25 ;
        // calculates the remaning number of cents
        int cents = receivedCents % 25 ;
        System.out.println("Use " + quarters + " quarters and " + cents + " 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) {
        double a = Double.parseDouble(args[0]);
        double b = Double.parseDouble(args[1]);
        double c = Double.parseDouble(args[2]);
        // computes the value of x
        double x = (c - b)/a ;
        // prints the equation
        System.out.println(a + " * x + " + b + " = " + c);
        // prints the result
        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) {
        // a,b,c gets 3 lengths of triangle from the user
        int a = Integer.parseInt(args[0]);
        int b = Integer.parseInt(args[1]);
        int c = Integer.parseInt(args[2]);
        // checks if sum of 2 other lengths is greater than the remaning length for each side
        boolean isTriangle = ((a + b) > c) && ((b + c) > a) && ((a + c) > b);
        // prints if a,b,c form a triangle or not
        System.out.println(a + ", " + b + ", " + c + ": " + isTriangle);

    }
}

```

```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) {
        // gets range of numbers from user
        int a = Integer.parseInt(args[0]);
        int b = Integer.parseInt(args[1]);
        // generates 3 random numbers [0 , 1) and fits them to be in range.
        int num1 = (int)((Math.random() * (b - a)) + a);
        int num2 = (int)((Math.random() * (b - a)) + a);
        int num3 = (int)((Math.random() * (b - a)) + a);
        // checks what is the minimal number
        int minNum = Math.min(num1 , num2);
        minNum = Math.min(minNum , num3);
        // prints the generated numbers and then the minimal number
        System.out.println(num1);
        System.out.println(num2);
        System.out.println(num3);
        System.out.println("The minimal generated number was " + minNum);

    }
}

```