

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

```
/*
 * 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 a = Integer.parseInt(args[0]);
        int qtrs = a / 25;
        int cnts = a % 25;
        System.out.println("Use " + qtrs + " quarters and " + cnts + "
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
 */
public class LinearEq {
    public static void main(String[] args) {
        double a = Integer.parseInt(args[0]);
        double b = Integer.parseInt(args[1]);
        double c = Integer.parseInt(args[2]);
        double x = (c - b) / a;
        System.out.println(a + " * x + " + b + " = " + c);
        System.out.println("x = " + 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) {
        int a = Integer.parseInt(args[0]);
        int b = Integer.parseInt(args[1]);
        int c = Integer.parseInt(args[2]);
        boolean psbl = a + b > c && a + c > b && b + c > a;
        System.out.println(a + ", " + b + ", " + c + ": " + psbl);
    }
}
```

```
/*
 * 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 n1 = (int) ((Math.random() * (b - a)) + a);
        int n2 = (int) ((Math.random() * (b - a)) + a);
        int n3 = (int) ((Math.random() * (b - a)) + a);
        System.out.println(n1);
        System.out.println(n2);
        System.out.println(n3);
        int min = Math.min(n1, Math.min(n2, n3));
        System.out.println("The minimal generated number was " + min);
    }
}
```