

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

```
/*
 * 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 cents = Integer.parseInt(args[0]);
        int quarters;
        quarters = cents/25;
        cents = cents%25;
        System.out.println("Use " + quarters + " quarters and " + cents + " 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 = Double.parseDouble(args[0]);
        double b = Double.parseDouble(args[1]);
        double c = Double.parseDouble(args[2]);
        double fin;
        fin = (c - b)/a;
        System.out.println(a + " * x + " + b + " = " + c);
        System.out.println("x = " + fin);
    }
}

```

```

/*
 * 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 s1 = Integer.parseInt(args[0]);
        int s2 = Integer.parseInt(args[1]);
        int s3 = Integer.parseInt(args[2]);
        if (((s1 + s2) > s3) && ((s2 + s3) > s1) && ((s1 + s3) > s2)) {
            System.out.println(s1 + ", " + s2 + ", " + s3 + ": true");
        } else {
            System.out.println(s1 + ", " + s2 + ", " + s3 + ": false");
        }
    }
}

```

```

/*
 * 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 Min = Integer.parseInt(args[0]);
        int Max = Integer.parseInt(args[1]);
        int fin;
        int x = Min + (int)(Math.random() * ((Max - Min) + 1));
        int y = Min + (int)(Math.random() * ((Max - Min) + 1));
        int z = Min + (int)(Math.random() * ((Max - Min) + 1));
        System.out.println(x);
        System.out.println(y);
        System.out.println(z);
        int first = Math.min(x, y);
        int second = Math.min(y, z);
        fin = Math.min(first, second);
        System.out.println("The minimal generated number was " + fin);
    }
}

```