AddTwo

```java
/*
 * 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));
    }
}
```

Coins

```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 cents = Integer.parseInt(args[0]);
        System.out.println("Use " + (cents / 25) + " quarters and "+ (cents %
25) + " cents");
    }
}
```

LinearEq

```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)(Integer.parseInt(args[0]));
        double b = (double)(Integer.parseInt(args[1]));
        double c = (double)(Integer.parseInt(args[2]));
        System.out.println(a+" * x + "+b+ " = " +c);
        System.out.println("x = "+((c-b)/a));
    }
}
```

Triangle

```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) {
        int a = Integer.parseInt(args[0]);
        int b = Integer.parseInt(args[1]);
        int c = Integer.parseInt(args[2]);
        boolean check = (a+c > b && a+b > c && b+c > a);
        System.out.println(a+", "+b+", "+c+": "+check);
    }
}
```

GenThree

```
/*
 * 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 rand1 = (int)((Math.random() * (b - a)) + a );
        int rand2 = (int)((Math.random() * (b - a)) + a );
        int rand3 = (int)((Math.random() * (b - a)) + a );
        int minimum = Math.min(rand1, Math.min(rand2, rand3));
        System.out.println(rand1+"\n"+rand2+"\n"+rand3+"\nThe minimal generated
number was "+minimum);
    }
}
```