AddTwo

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

		System.out.println(firstInteger + " + " + secondInteger + " = " +
(firstInteger + secondInteger));
	}
}
```

Coins

```
/*
 * 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 = cents / 25;
		int remainder = cents % 25;
		System.out.println("Use " + quarters + " quarters and " + remainder + " cents");
	}
}
```

LinearEq

```
/*
 * 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 = Integer.parseInt(args[0]);
		double b = Integer.parseInt(args[1]);
		double c = Integer.parseInt(args[2]);

		double x = (c - b) / a; // ax + b = c
		System.out.println(a + " * x + " + b + " = " + c + "\nx = " + x);
	}
}
```

GenThree

```
/*
 * 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) {
		Random rand = new Random();
		int argsZero = Integer.parseInt(args[0]);
		int argsOne = Integer.parseInt(args[1]);


		int randomOne = rand.nextInt(argsOne - argsZero) + argsZero;
// range: starts from argsZero and ends in argsOne (argsZero -> argsOne)
		int randomTwo = rand.nextInt(argsOne - argsZero) + argsZero;
		int randomThree = rand.nextInt(argsOne - argsZero) + argsZero;
		int minRandom = Math.min(Math.min(randomOne, randomTwo),
randomThree);


		System.out.println(randomOne + "\n" + randomTwo + "\n" +
randomThree + "\nThe minimum random is " + minRandom);
	}
}
```

Triangle

```
/*
 * 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 sideOne = Integer.parseInt(args[0]);
		int sideTwo = Integer.parseInt(args[1]);
		int sideThree = Integer.parseInt(args[2]);

		System.out.println(sideOne + ", " + sideTwo + ", " + sideThree + ": " +  (sideOne + sideTwo > sideThree && sideOne + sideThree > sideTwo && sideTwo + sideThree > sideOne));
	}
}
```