```
/*
 * Adds two given integers and prints the result in a fancy way.
 */
public class AddTwo {
	public static void main(String[] args) {
		//  a program that adds two given integers and prints the result in a fancy
way
		 int num1 = Integer.parseInt(args[0]);
		 int num2 = Integer.parseInt(args[1]);
		 System.out.println(num1 + " + "+ num2 + " = " + (num1 + num2));

	}
}
```

```
/*
 * 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) {
		//  gets a number of cents as a commandline argument and prints how to represent this quantity using as many quarters as possible plus
// the remainder in cents
		int num_of_cents = Integer.parseInt(args[0]);
		System.out.println("Use " + num_of_cents/25 + " quarters and " + num_of_cents%25 + " cents");
	}
}
```

```
/*
 * 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) {
		// a program that solves linear equations of the form a * x + b = c
		double a = Double.parseDouble(args[0]);
		double b = Double.parseDouble(args[1]);
		double c = Double.parseDouble(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) {
		// a program that tests if three given integers form a triangle
		int a = Integer.parseInt(args[0]);
		int b = Integer.parseInt(args[1]);
		int c = Integer.parseInt(args[2]);

		System.out.println(a + " , " + b + " , "+ c + ": " + ((a + b) > c));
	}
}
```

```
/*
 * 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 random1 = (int) (Math.random() * (b - a)) + a;
	int random2 = (int) (Math.random() * (b - a)) + a;
	int random3 = (int) (Math.random() * (b - a)) + a;

		System.out.println(random1);
	System.out.println(random2);
	System.out.println(random3);

		System.out.println("The minimal generated number was " +
Math.min(random1, Math.min(random2, random3)));
	}
}
```