```
/*
 * Adds two given integers and prints the result in a fancy way.
 */
public class AddTwo {
	public static void main(String[] args)  {
		//adds two integers and prints the full equation.
		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 totalCents = Integer.parseInt(args[0]);
		int numQuarters = totalCents / 25;
		int remainder = totalCents - numQuarters * 25;
		System.out.println("Use " + numQuarters + " quarters and " + remainder + " 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)  {
		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 isPossibleTriangle = ((a + b > c) && (a + c > b) && (b + c > a));
			//if each side is smaller than the sum of the other 2
			System.out.println(a + ", " + b + ", " + c + ": " + isPossibleTriangle);
	}
}
```

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