```
/*
 * 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("The addition of two variables is ");
		System.out.println("    " + x + "    ");
		System.out.println("     +     ");
		System.out.println("    " + y + "    ");
		System.out.println("     =     ");
		System.out.println("    " + (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(quarters + " quarters and " + cents + " 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 = 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("The solution to the equation " + a + "x + " + b + " = " + c + "
is:");
	System.out.println(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("The given sides: " + s1 + ", " + s2 + ", " + s3 + " do form a triangle");
		} else {
		System.out.println("The given sides: " + s1 + ", " + s2 + ", " + s3 + " do not form a triangle");
		}
	}
}
```

```
/*
 * 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 = 50;
		int Max = 100;
		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("Out of the three integers:" + x + ", " + y + ", " + z);
		int first = Math.min(x, y);
		int second = Math.min(y, z);
		fin = Math.min(first, second);
		System.out.println(fin + " is the lowest number");

	}
}
```