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

      System.out.println(firstIntake + " + " + secondIntake + " = " + (firstIntake + secondIntake));
	}
}
```

```
/*
 * 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 total = Integer.parseInt(args[0]);

		// Calculating the number of coins.
		int quarters = total / 25;
		int cents = total % 25;

		System.out.println("Use " + 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 {
	// Put your code here
	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 res = (c - b) / a;

		System.out.println(a + " * x + " + b + " = " + c);
		System.out.println("X = " + res);
	}
}
```

```
/*
 * 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) {
		// Put your code here
		int a = Integer.parseInt(args[0]);
		int b = Integer.parseInt(args[1]);
		int c = Integer.parseInt(args[2]);

		// Note: could be done easier and more readable with an if statement, didnt do it because we didnt learn it yet.
		boolean isTriangle = ((a + b - c) > 0) && ((a + c - b) > 0) && ((b + c - a) > 0);

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

```
/*
 * 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) {
		// Receiving the range [a,b)
		int a = Integer.parseInt(args[0]);
		int b = Integer.parseInt(args[1]);
		int diff = b - a;

		double rand1 = Math.random();
		int gen1 = (int) (diff * rand1) + a;

		double rand2 = Math.random();
		int gen2 = (int) (diff * rand2) + a;

		double rand3 = Math.random();
		int gen3 = (int) (diff * rand3) + a;

		int min = Math.min(gen1, gen2);
		min = Math.min(min, gen3);

		System.out.println(gen1 + "\n" + gen2 + "\n" + gen3 + "\n" + "The minimal
generated number was " + min);
	}
}
```