```
/*
 * Adds two given integers and prints the result in a fancy way.
 */
public class AddTwo {
	public STATIC void main(String[] args) {
		// Created a variable named sum and sum in it the two arguments we want
		//tp add
	int sum = Integer.parseInt(args[0]) + Integer.parseInt(args[1]);
	System.out.println(args[0] + " + " + args[1] + " = " + sum);
	  }
}
```

```
/*
 * 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) {
	// Get the amount of coins and print the number of quaters and cents it represents
	int quarters = Integer.parseInt(args[0]) / 25;
	int cents = Integer.parseInt(args[0]) % 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 {
        public static void main(String[] args) {
       // given equation a * x + b = c, calculate the x and print it
                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) {
      // Prints true if the sum of the lengths of any two sides is greater than the
      // length of the remaining side.
      double a = Double.parseDouble(args[0]), b = Double.parseDouble(args[1]), c =
Double.parseDouble(args[2]);
      if (a < b + c && b < a + c && c < a + b){
        System.out.println(args[0] + ", " + args[1] + ", " + args[2] + ": true");
      }
      else{
        System.out.println(args[0] + ", " + args[1] + ", " + args[2] + ": false");
                }
        }
}
```

```
/*
 * 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) {
	// i.e. greater than or equal to a and less than b, prints them, and then prints the
minimal number
	// that was generated
	Random rand = new Random();

	int min = Integer.parseInt(args[0]);
	int max = Integer.parseInt(args[1]);

	int rnd1 = rand.nextInt((max - min) + 1) + min;
	int rnd2 = rand.nextInt((max - min) + 1) + min;
	int rnd3 = rand.nextInt((max - min) + 1) + min;

	int minimum = Math.min(rnd1, rnd2);
	minimum = Math.min(minimum, rnd3);
	System.out.println(rnd1 + "\n" + rnd2 + "\n" + rnd3 + "\n" + "The minimal generated
number was " + minimum);
	}

}
```