```
/*
 * Adds two given integers and prints the result in a fancy way.
 */
public class AddTwo {
      public static void main(String[] args) {
            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) {
            int amount = Integer.parseInt(args[0]);
         int quarters = amount / 25 ; //the amount of quartes this
number can be divided to
         int cents = amount % 25; //the amount of cents left
         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) {
		double a = Double.parseDouble(args[0]);
		double b = Double.parseDouble(args[1]);
		double c = Double.parseDouble(args[2]);
		System.out.println(a + " * x + " + b + " = " + c);

		double x = (c-b)/a;
		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]);

        if(a+b>c && b+c>a && a+c>b) {
            System.out.println(a+", "+ b + ", " + c + ": true");
        }
        else {
            System.out.println(a+", "+ b + ", " + c + ": false");
        }
    }
}
```

```
/*
 * 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 = Integer.parseInt(args[0]);
        int max = Integer.parseInt(args[1]);

        //generate 3 random numbers in the given range by the user.
        int rnd1 = (int)(Math.random() * (max - min)) + min;
        int rnd2 = (int)(Math.random() * (max - min)) + min;
        int rnd3 = (int)(Math.random() * (max - min)) + min;

        int minr = Math.min(rnd1,rnd2);
        minr = Math.min(minr,rnd3);

        System.out.println(rnd1);
        System.out.println(rnd2);
        System.out.println(rnd3);
        System.out.println("The minimal number generated was: " +
minr);
     }
}
```