```
/*
 * Adds two given integers and prints the result in a fancy way.
 */
public class AddTwo {
        public static void main(String[] args){

      // Gets a,b from the user
      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 quantity = Integer.parseInt(args[0]);
      int quarters = quantity/25;
      int cents = quantity%25;

      System.out.println("Use " + quarters + " quarters and "+ cents +" cents");
	}
}
```

```
/*
 * Solves linear equations of the form aλ‹…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 ans = (c-b)/a;

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

```
/*
 * 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 isTriangle = ((a<b+c)&& (b<a+c)&& (c<a+b));

     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) {
		// prints a random value in [0,1)

	  int a = Integer.parseInt(args[0]);
	  int b = Integer.parseInt(args[1]);

	  int c = (int)((b-a) * Math.random() + a) ;

	   a = (int)( (b-a) * Math.random() + a) ;
	   b = (int)( (b-a) * Math.random() + a) ;



      int minimal = Math.min(a,b);
      minimal = Math.min(minimal,c);

      System.out.println(a);
      System.out.println(b);
      System.out.println(c);

      System.out.println("The minimal generated number was " + minimal);

	}
}
```