

AddTwo code

```
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));  
    }  
}
```



Gen3 code

```
import java.util.Random;

public class Gen3 {
    public static void main (String[] args) {
        Random r = new Random();
        /* the random ints generate a random number between 0 and the
           maximal value selected minus the minimal value, and then adds
           the minimal value to the generated number. */
        int random1 = r.nextInt(Integer.parseInt(args[1]) -
                                Integer.parseInt(args[0])) +
                    Integer.parseInt(args[0]);
        int random2 = r.nextInt(Integer.parseInt(args[1]) -
                                Integer.parseInt(args[0])) +
                    Integer.parseInt(args[0]);
        int random3 = r.nextInt(Integer.parseInt(args[1]) -
                                Integer.parseInt(args[0])) +
                    Integer.parseInt(args[0]);
        int min = Math.min(random1, Math.min(random2, random3));
        System.out.println (random1 + "\n" + random2 + "\n" + random3 +
                            "\nThe minimal generated number was " +
                            min);
    }
}
```

LinearEq code

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

### Triangle code

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