

**public class Test {**

**int sum;**

**public int y;**

**public void methodA() {**

**int x = 0, y = 0;**

**y = y + 7;**

**x = y + 11;**

**sum = x + y;**

**System.out.println(x + " " + y + " " + sum);**

**}**

**public void methodB() {**

**int x = 0;**

**y = y + 11;**

**x = x + 33 + y;**

**sum = sum + x + y;**

**System.out.println(x + " " + y + " " + sum);**

**}**

**// Trace the outputs**

**public static void main(String[] args) {**

**Test t = new Test();**

**t.methodA();**

**t.methodB();**

**}**

**}**



**public class Q3 {**

**public static void main(String[] args) {**

**String test = "";**

**int i = 5, j = 0, k = 15;**

**while (i < 10) {**

**k -= 1;**

**j = k;**

**while (j > 10) {**

**if (j % 2 == 0) {**

**test = "<--";**

**test = test + i + 2 + "-->" + (j / 2);**

**} else {**

**test = "-->";**

**test = "-->" + (i / 2) + test + j;**

**}**

**System.out.println(test);**

**--j;**

**}**

**i++;**

**}**

**}**

**}**





