

```
1
2 public class RunGenerator {
3     public static void main(String[] args) {
4         int[] values = {1,2,2,2,3,4,4,5,5,5,6,6,7,7,7,7,7,8,9,0};
5
6         boolean inRun = false;
7
8         for(int i = 0; i < values.length; i++) {
9             if(inRun) {
10                if(values[i] != values[i-1]) {
11                    System.out.print(" ");
12                    inRun = false;
13                    if(i < values.length - 1 && values[i] == values[i+1]) {
14                        System.out.print("(");
15                        inRun = true;
16                    }
17                }
18            } else {
19                if(i < values.length - 1 && values[i] == values[i+1]) {
20                    System.out.print("(");
21                    inRun = true;
22                }
23            }
24
25            System.out.print(values[i]);
26        }
27        if(inRun) System.out.print(" ");
28    }
29 }
30
```