Class SummaryDelete - summary

```
1  import java.util.*;
2  /**
3   *the length of number ,String,ArrayList is decreasing
4   *the removement of ArrayList
5   */
6  public class SummaryDelete
7  {   //the length of number is decreasing
8      public static ArrayList SepDigit(int n){
9          ArrayList<Integer> al=new ArrayList<Integer>();
10         while(n>0){
11             int dig=n%10;
12             al.add(0,dig);
13             n=n/10;
14         }
15         return al;
16     }
17     //the length of String is decreasing by n chars each time
18     public static int delString(String str,int n)
19     {   int count=0;
20         while(str.length()>0){
21             count++;
22             if(str.length()>n){
23                 str=str.substring(n);
24             }else{
25                 str="";
26             }
27         }
28         return count;
29     }
30     //delete an ArrayList
31     public static void delArrayList(ArrayList<Integer> al){
32         while(al.size()>0){
33             al.remove(0);
34         }
35     }
36     //remove zeros in an ArrayList
37     public static ArrayList delZeros(ArrayList<Integer> al){
38         for(int i=0;i<al.size();i++){
39             if(al.get(i)==0){
40                 al.remove(i);
41                 i--;
42             }
43         }
44         return al;
45     }
46
47     public static ArrayList delZeros1(ArrayList<Integer> al){
48         for(int i=al.size()-1;i>=0;i--){
49             if(al.get(i)==0){
50                 al.remove(i);
51             }
52         }
53         return al;
```

```
54      }
55
56      public static ArrayList delZeros2(ArrayList<Integer> al){
57          int i=0;
58          while(i<al.size()){
59              if(al.get(i)==0){
60                  al.remove(i);
61              }else{
62                  i++;
63              }
64          }
65          return al;
66      }
67  }
68
```