Remove Adjacent Repeated Characters IV

```
1 # Method 1
 2 # Time : 0(n)
 3 # Space : 0(n)
 4 class Solution(object):
     def deDup(self, input):
 6
 7
       input: string input
 8
       return: string
 9
10
       # write your solution here
       if len(input) <= 1:</pre>
11
12
       return input
13
       stack = []
       f = 0
14
15
       while f < len(input):</pre>
16
         if len(stack) > 0 and input[f] == stack[-1]:
           while f < len(input) and input[f] == stack[-1]:
17
             f += 1
18
19
         else:
20
           stack.append(input[f])
21
           f += 1
22
         return ''.join(stack)
23
24 # Method 2
25 # Time : 0(n)
26 # Space : 0(1)
27 class Solution(object):
28
     def deDup(self, input):
29
30
       input: string input
31
       return: string
32
33
       # write your solution here
34
       input = list(input)
35
       if len(input) <= 1:</pre>
36
       return input
       s = 0
37
       f = 1
38
39
       while f < len(input):</pre>
         if s >= 0 and input[f] == input[s]:
40
           while f < len(input) and input[f] == input[s]:</pre>
41
42
           f += 1
43
           s = 1
```