

103. Binary Tree Zigzag Level Order Traversal

Odd level: 1 3 5 7 → addLast()

Even level: 2 4 6 8 → addFirst()

↑
LinkedList class

394. Decode String

Using stack

e.g1:

ab3[a]

← 'a'

← 'b'

← '3'

← '[' 开括号可以不放入栈

← 'a'

← ']' 遇到回括号, 说明要 decode 3

∴ 找到栈开口处的字母, 并找到离该字母最近的数字, 将该字母重复该数字次, 然后将 decode 后的字母段重新放回 stack.

3 是离 a 最近的字母

→ a

→ 3, a → decode → aaa

abaaa

abaaa

e.g2:

3[a2[bcb]]

← '['

← 'a'

← '2'

← '['

← 'b'

← 'c'

← ']'

← ']'

← ']'

aaabcbcb

注: [] 前的数字不一定是个位数

∴ char → int

count = count * 10 + ch - '0';

148. SortList

3 → 5 → 2 → 6 → 1 → 4 → null

prev ↓ head fast
null 3 → 5 → 2 → 6 → 1 → 4 → null
↑
slow

head fast
3 → 5 → 2 → 6 → 1 → 4 → null
↑ ↑
prev slow

head fast
3 → 5 → 2 → 6 → 1 → 4 → null
↑ ↑
prev slow

head fast
3 → 5 → 2 → 6 → 1 → 4 → null
↑ ↑
prev slow

head fast
3 → 5 → 2 → 6 → 1 → 4 → null
↑
prev

