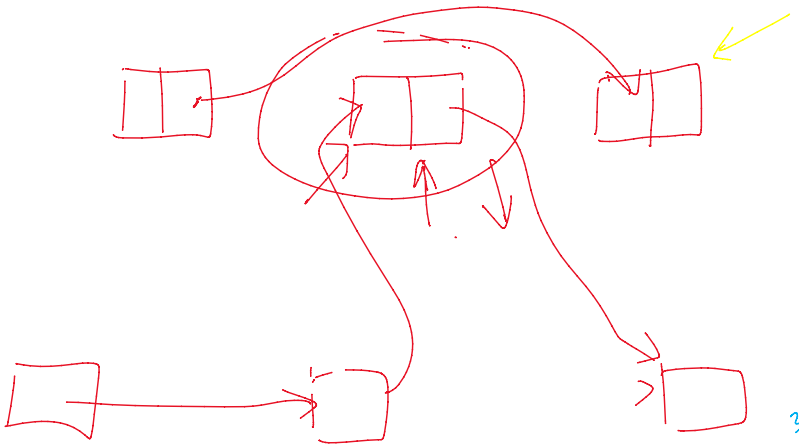
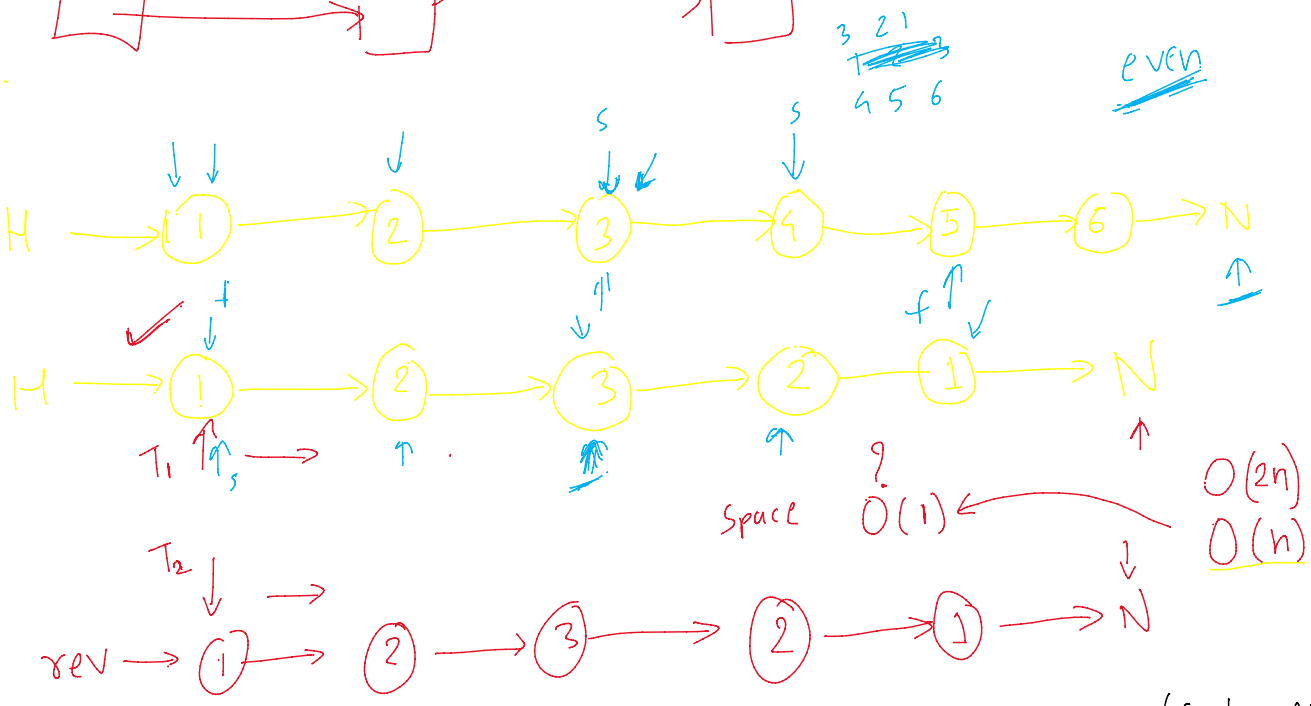
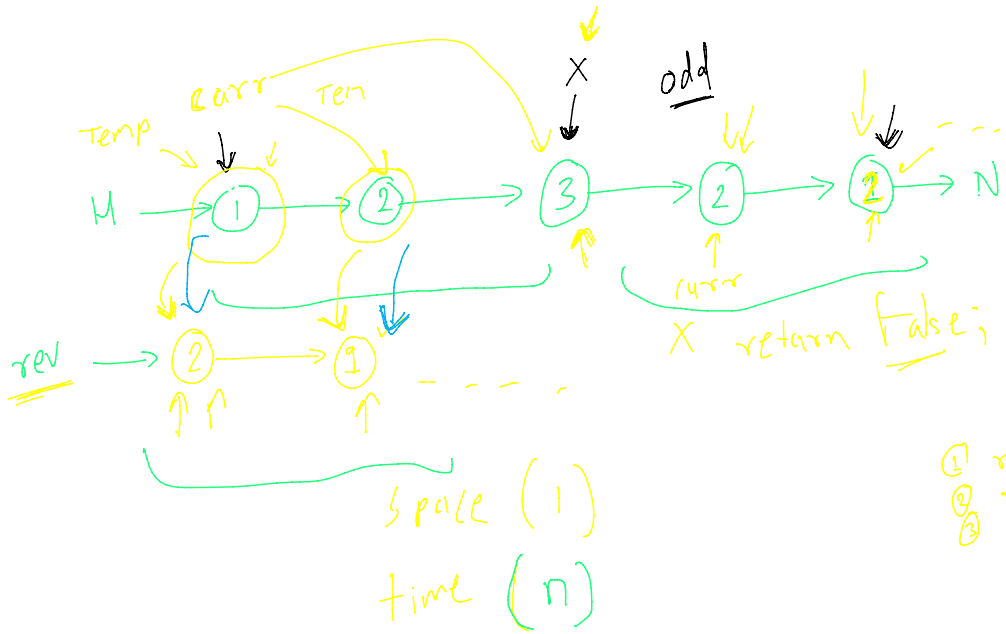
Day 19 - Linked List

18 August 2022 08:56

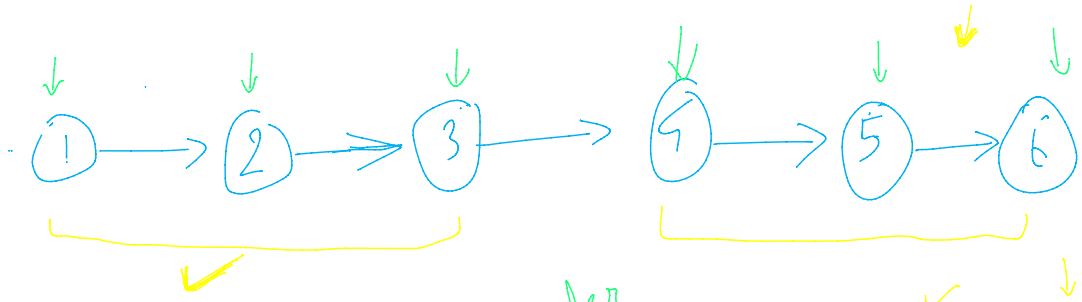




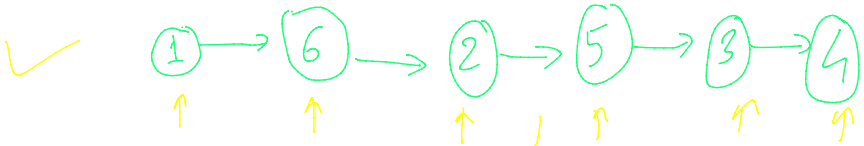



```
if (fast->next)
  n = odd
else (fast == null)
  n = even
```

① reversal
② mid element
③ parallel traversal



reorder



1 → 2 → 3 → 4 → 5

O(n)
O(1)

1 → 5 → 2 → 4 → 3

Tail →

1 → 6 → 2 → 5 → 3 → 4

→ 4