

Quick Sort

pivot = 7

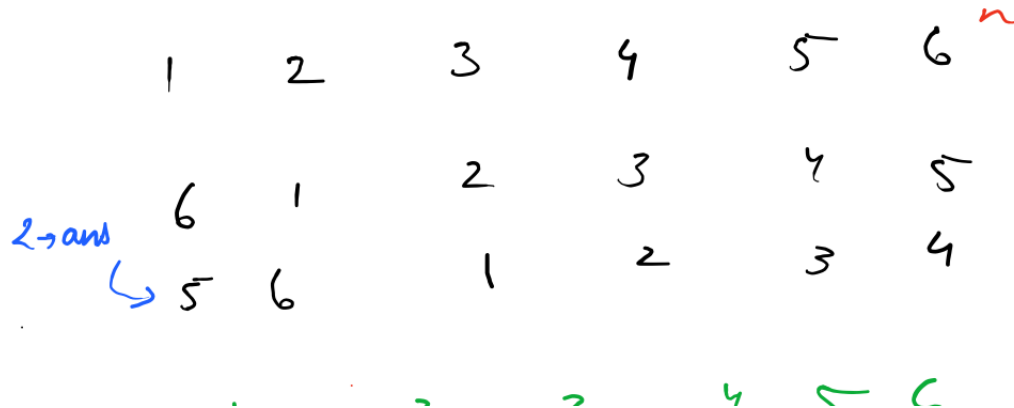
prev2



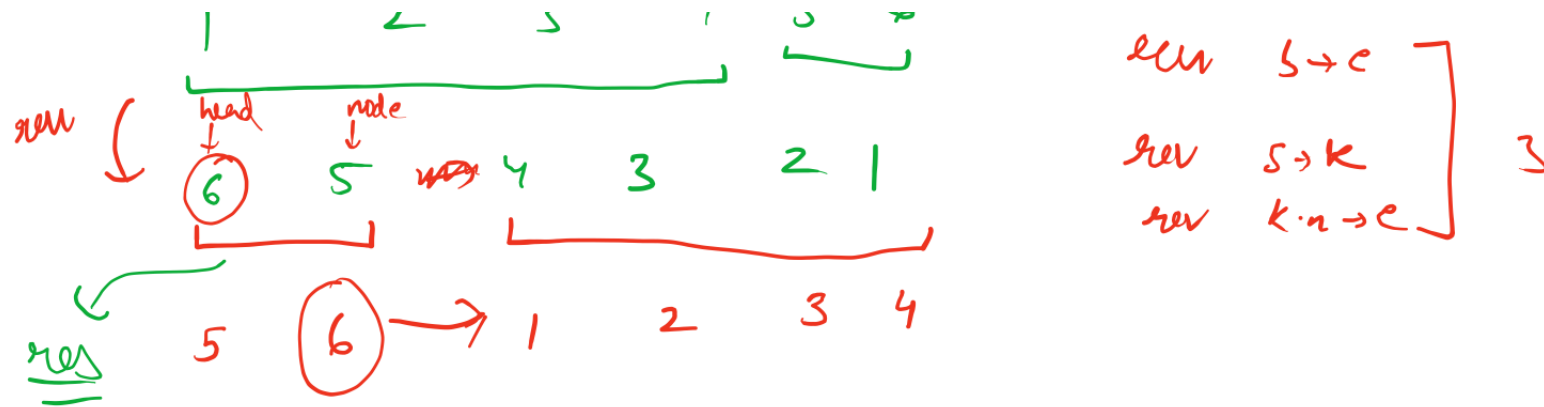
1 2 3

pivot = 6

[1 3 2 5] 6 7



2

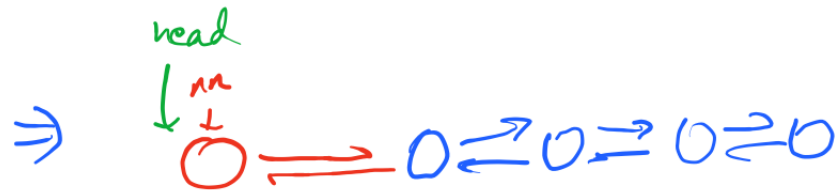


1 ⇒ 2 ⇒ 3 ⇒ 4 ⇒ 5 ⇒ 6

Doubly LL

↳ where we can move in both direction

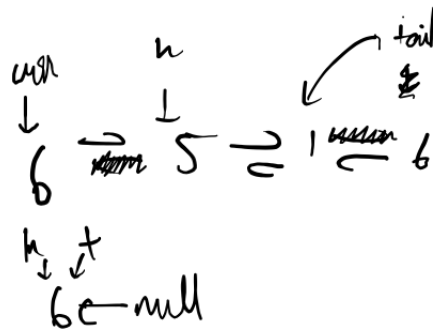
Node {
data
Node next, prev;
}



nn.next = h

h.prev = nn

h = nn



Pattern BEE

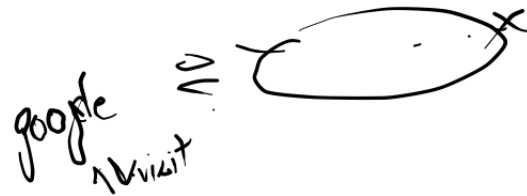
① ⇒ ② ⇒ ③ ✓
 ↓↑
 ⑦ ⇒ ⑧ ✓
 ↓↑
 ⑪ ⇒ 12

ahead
[4 ⇒ 5 ⇒ 6 ⇒
 ↘
 ⑨ ⇒ 10
 ↑
 11

10:05

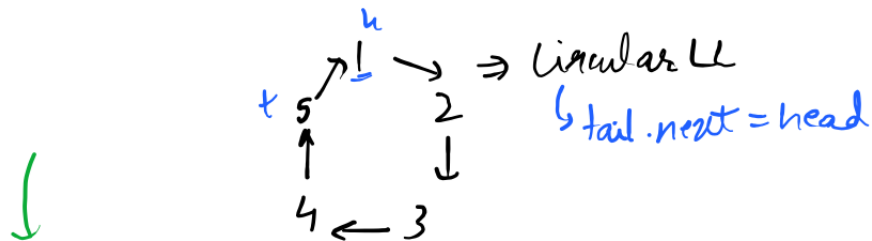
- node
- check child
 - find tail
 - connect tail with ahead
 - curr with child

1 → 2 → 3 → 7 → 8 → 11 → 12 → 9 → 10 → 4 → 5 → 6



Circular LL → tail.next = head

head
↓
1 → 2 → 3 → 4 → 5 → null



curr → head
curr → curr.next
curr.next = head
↓
tail