

#

addfirst
addlast
addindex
getfirst
getlast
getindex
removefirst
removelast
removeindex
display
size()

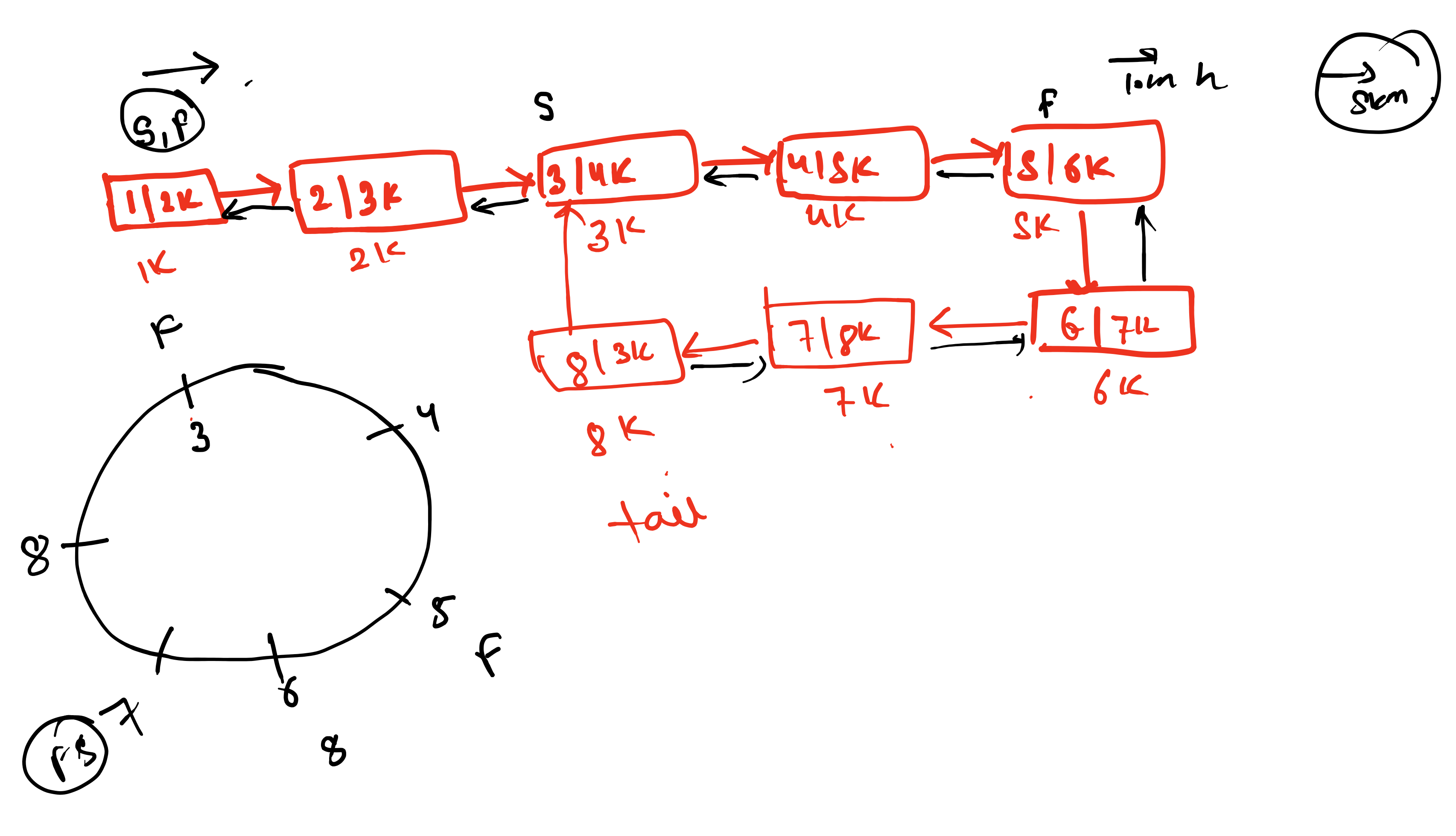
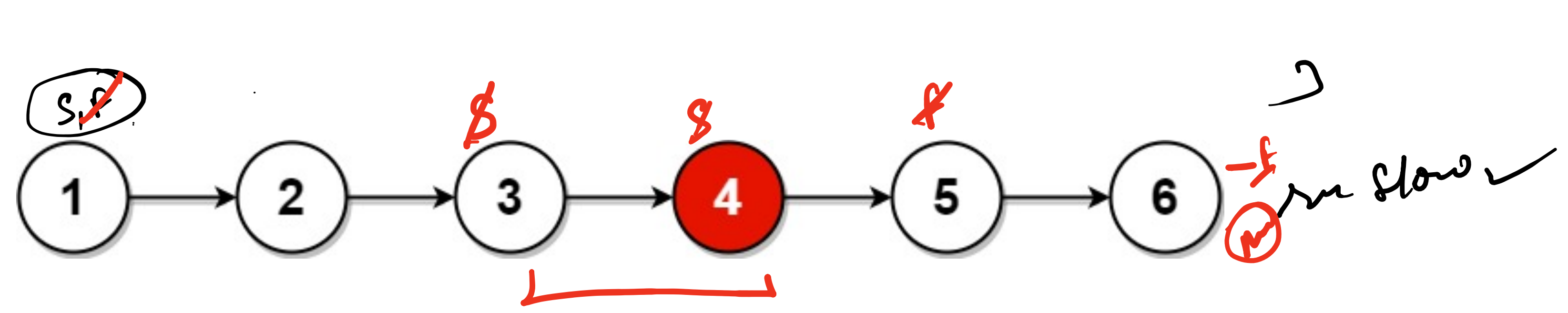
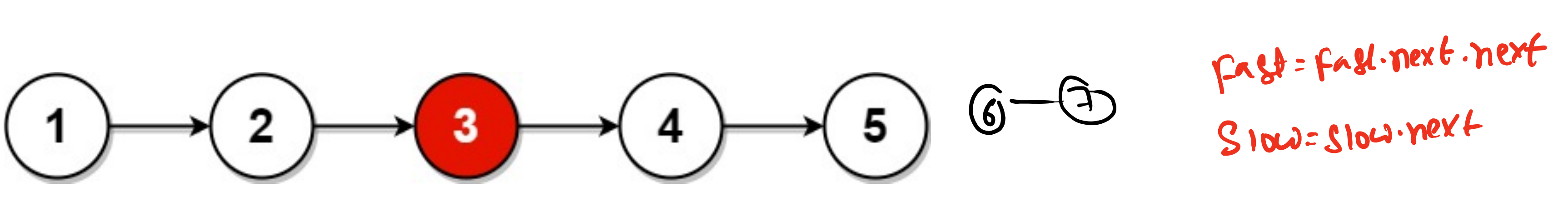
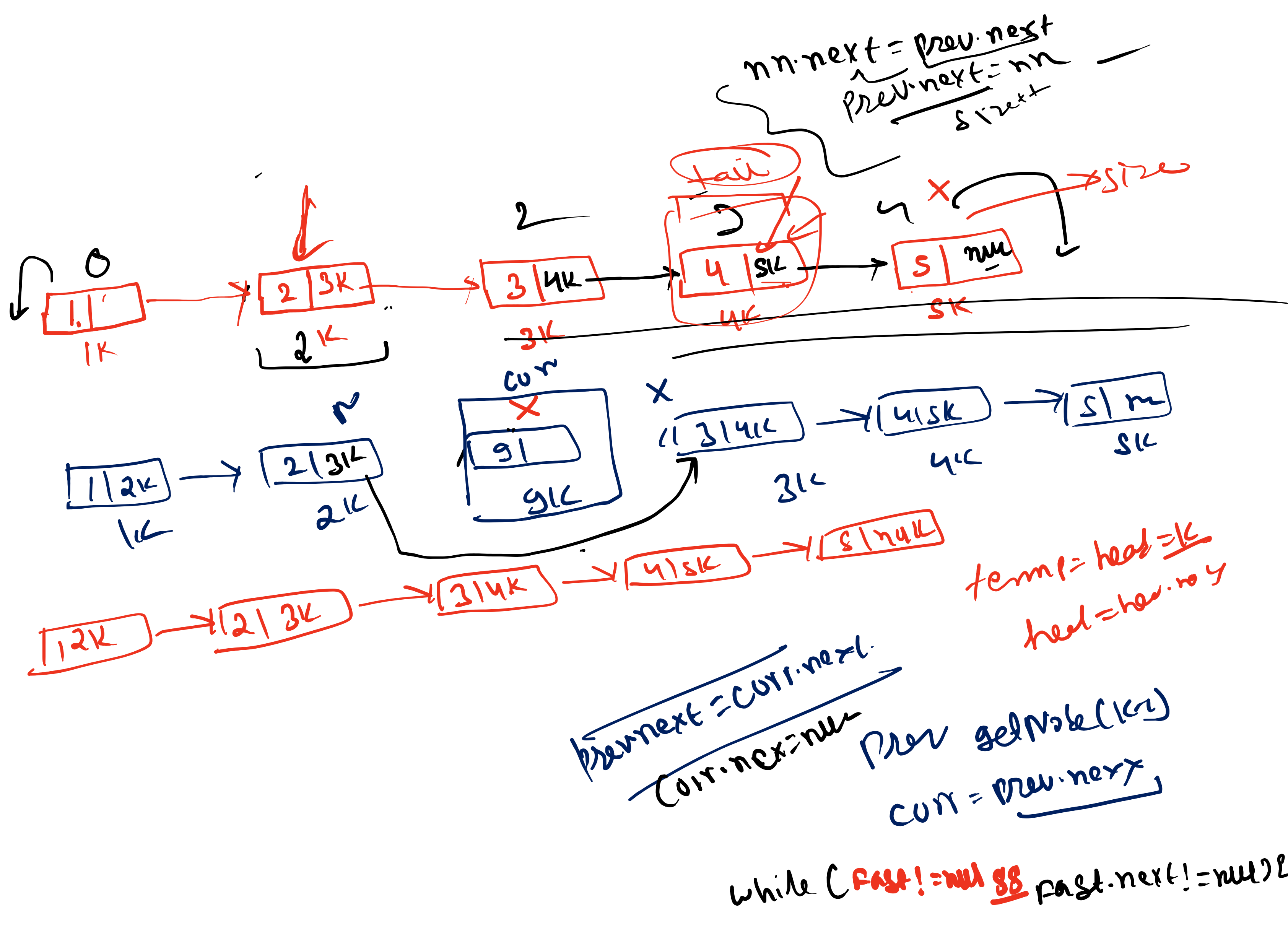
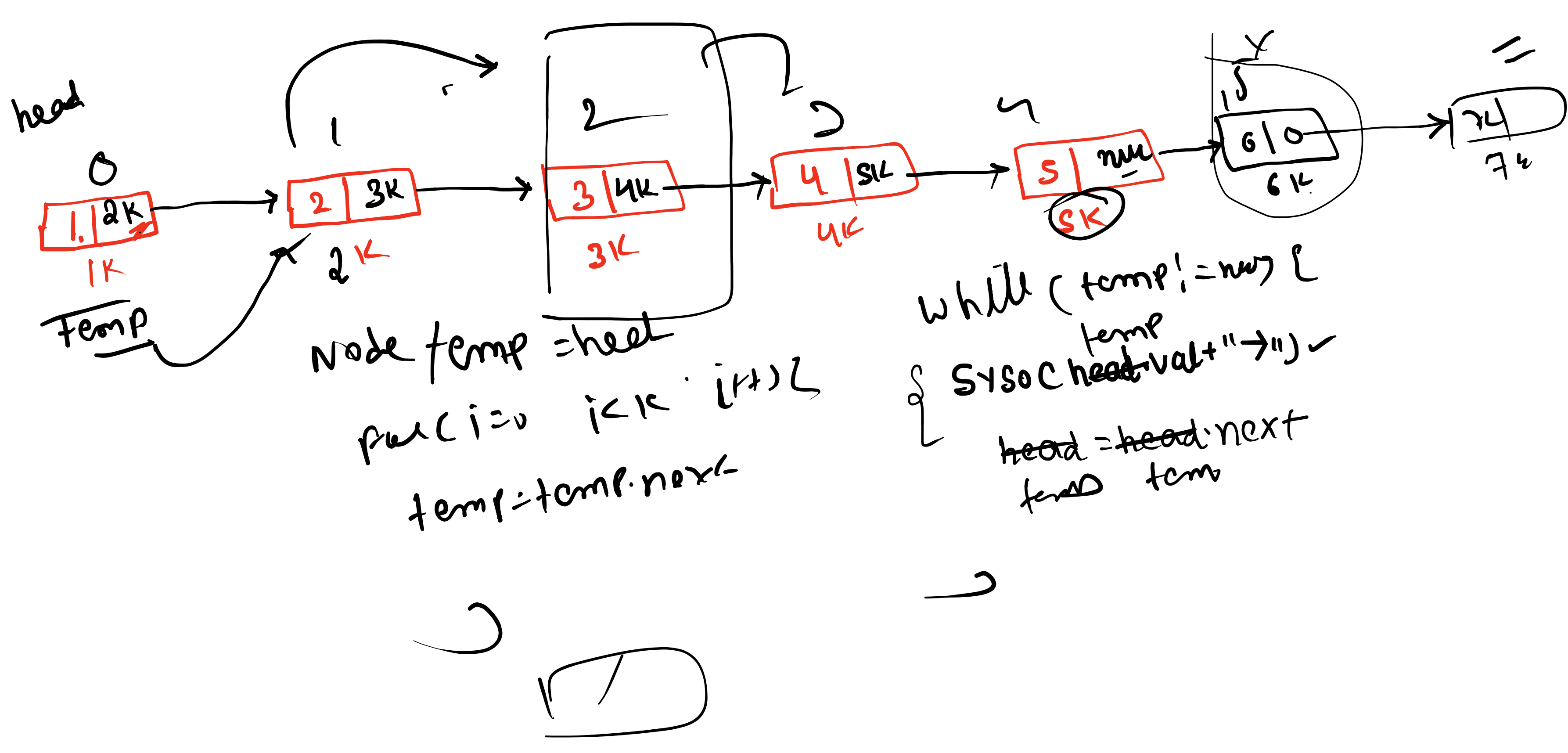
2: 5-6

```
public addfirst(int item) {
    Node nn = new Node();
    nn.val = item;
    if (size == 0) {
        head = nn;
        tail = nn;
        size++;
    } else {
        nn.next = head;
        head = nn;
        size++;
    }
}
```

add(10)
add(20)
add(30)

nn.next = head
head = nn
size++

1 → 2 → 3 → 4 → 5



head

