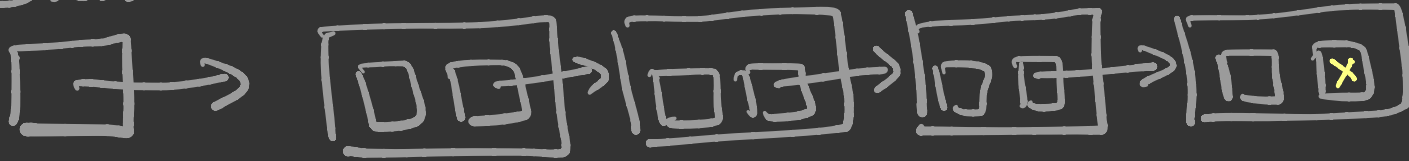# DSA through C++

Circular linked list

Saurabh Shukla (MySirG)
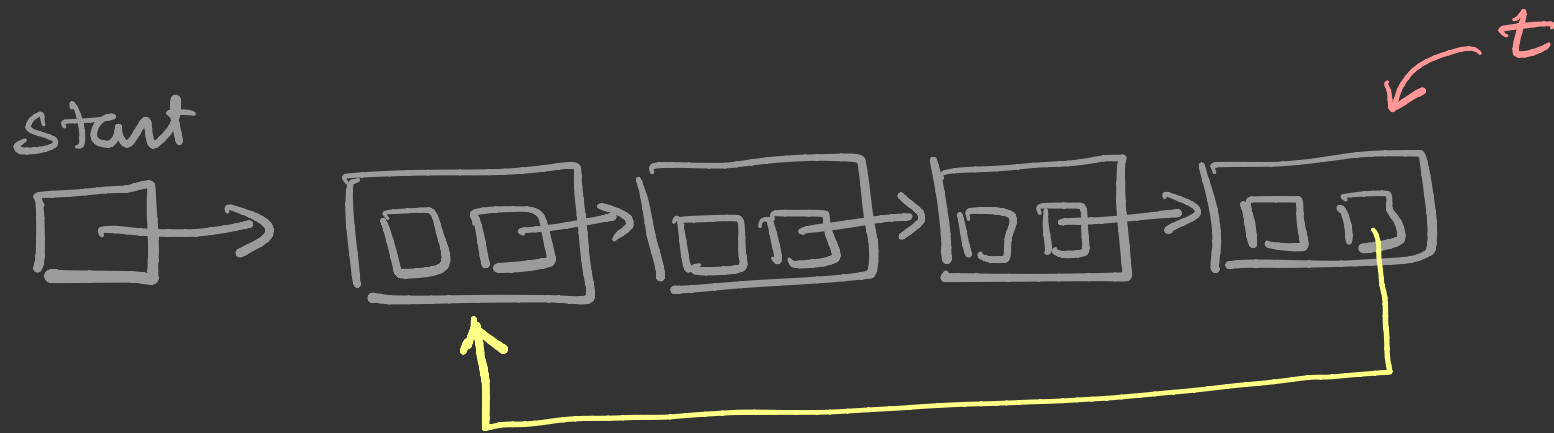
Agenda

1. Not utilizing next pointer of last node in SLL
2. Circular linked list
3. Comparison of CLL with SLL
4. Small change big difference
5. Insertion and Deletion in CLL

Not utilizing next pointer of last node in SLL

start

Circular linked list

start

Last node $\rightarrow$

$t \rightarrow next == start$

Comparison of CLL with SLL

start

Insertion   Traversing
① First   no
② Last   yes
Deletion
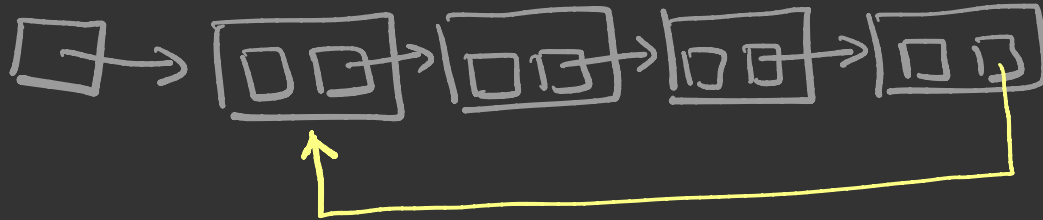① First   no
② Last   yes

Insertion
① First   yes
② Last   yes
Deletion
① First   yes
② Last   yes
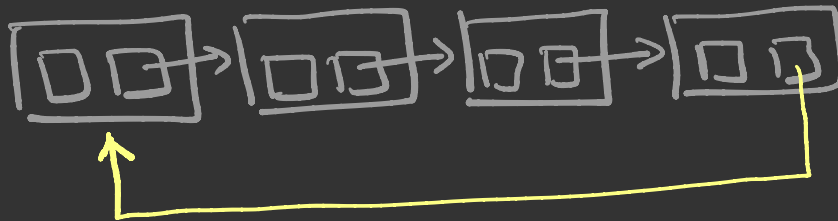
Small Change, Big Difference

start

last

Insertion   Traverse
① First   NO
② Last   Yes
Deletion
① First   NO
② Last   Yes

Insertion   Traverse
① First   NO
② Last   NO
Deletion
① First   NO
② Last   Yes

temp

last