

DSA through Java

Circular linked list



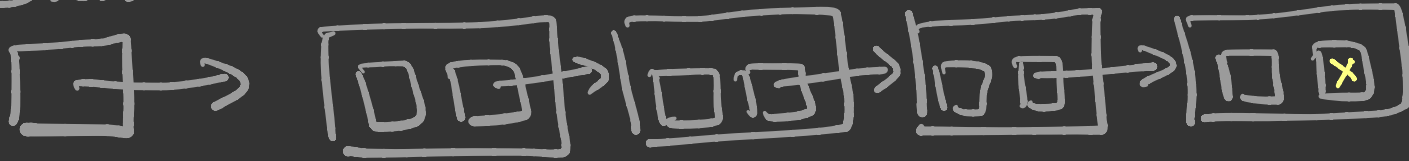
Saurabh Shukla (MySirG)

Agenda

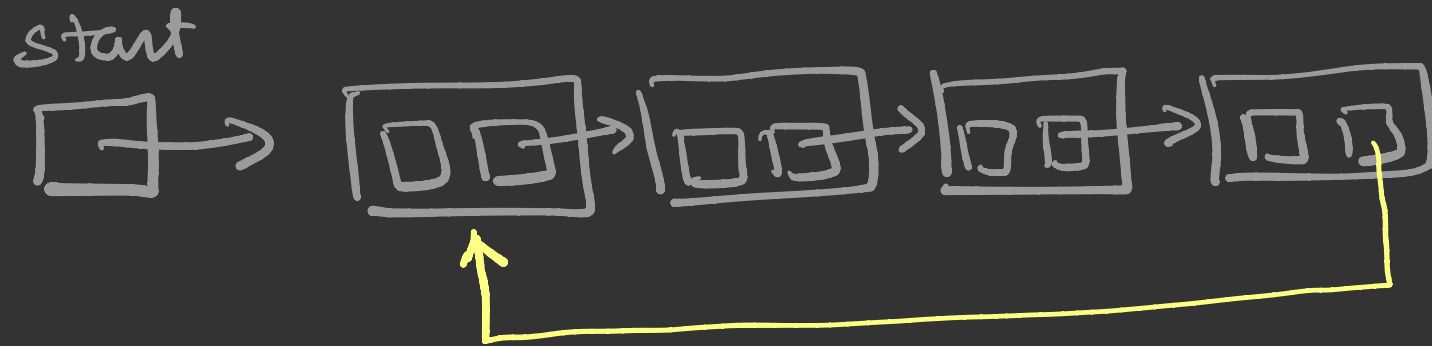
- ① Not utilizing next pointer of last node in SLL
- ② Circular linked list
- ③ Comparison of CLL with SLL
- ④ Small change big difference
- ⑤ Insertion and Deletion in CLL

Not utilizing next reference of last node in SLL

start



Circular linked list



if (temp.getNext() == start)
temp is last node

Comparison of CLL with SLL

SLL

start



Insertion

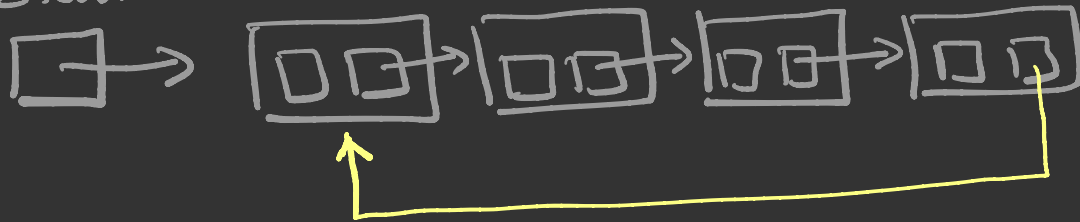
- ① First No Traversing
- ② Last Yes Traversing

Deletion

- ① First No Traversing
- ② Last Yes Traversing

CLL

start



Insertion

- ① First Yes Traversing
- ② Last Yes Traversing

Deletion

- ① First Yes Traversing
- ② Last Yes Traversing

Small Change, Big Difference

start



Insertion

① First No T

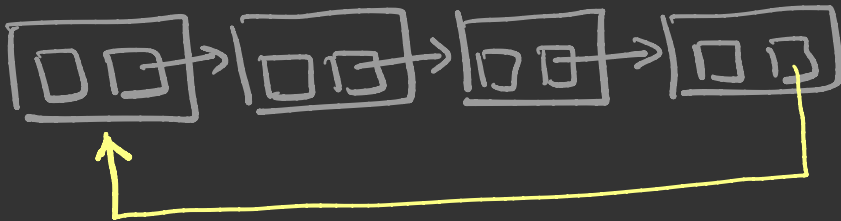
② Last yes T

Deletion

① First No T

② Last yes T

last



Insertion

① First No Traversing

② Last No Traversing

Deletion

① First No Traversing

② Last Yes Traversing