

Subject: Linked List

3/23/2015

No.:

Date:/...../.....

*

dense array

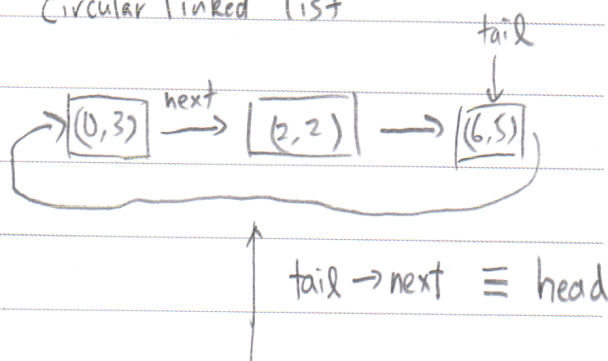
{ 3, 0, 2, 0, 0, 0, 5 }

space saving

sparse array

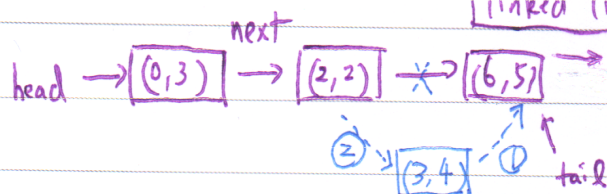
{ (0,3), (2,2), (6,5) }

circular linked list

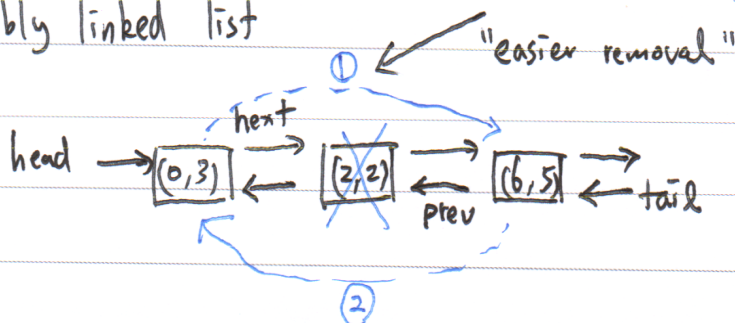


"easier insertion"

sparse array on singly linked list



doubly linked list



* two elementary data structures
for "any" data

{ array : efficient get (By Index)

linked list : flexible operations "without moving data"

* Sec 3.5 : recursion (reading assignment)