

CS2100 - Basic Linked Lists

Note Title

9/19/2011

Announcements

- Lab due Friday
- HW due Sunday

Recap of arrays

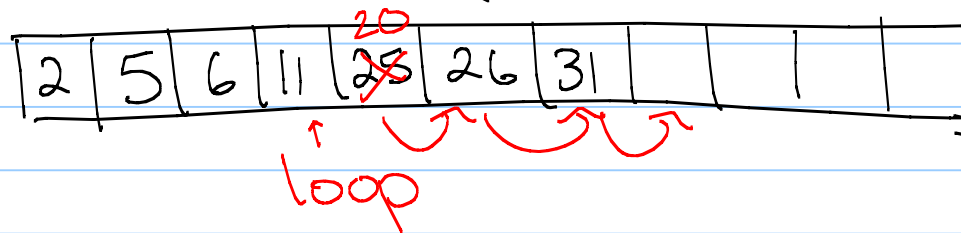
Limits

- not very flexible

- size is fixed at creation
- 1 kind of data
- inserting + moving can be difficult

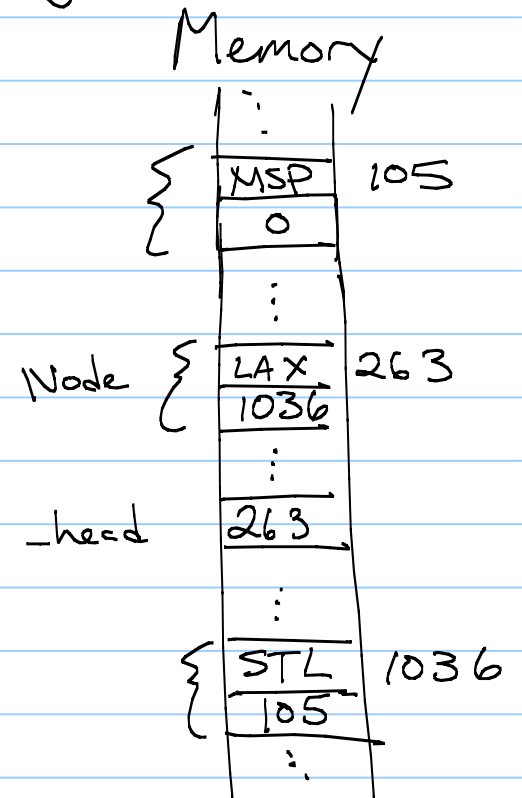
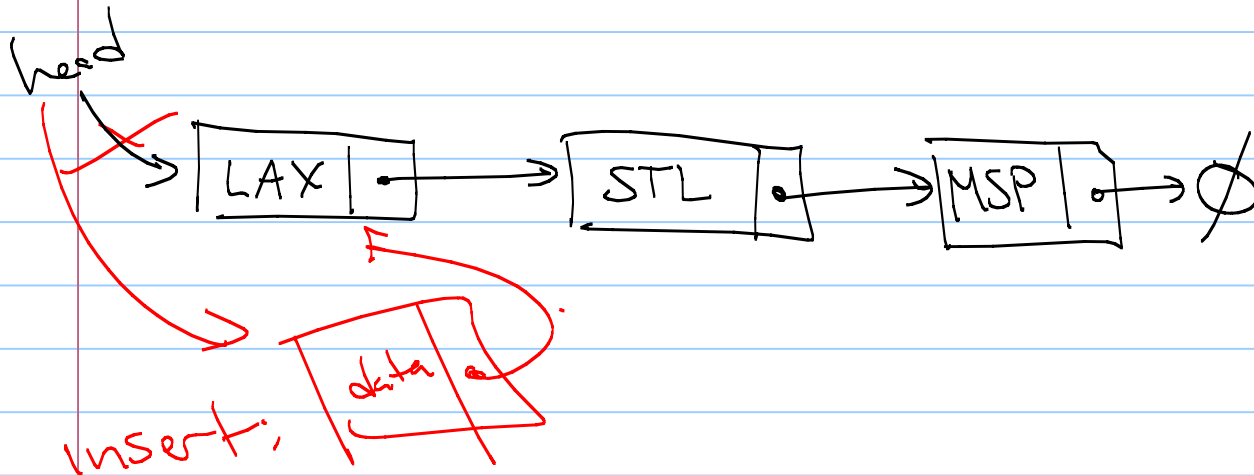
Q: How would we insert an element
in the middle of an array?

ex: insert (20) in sorted order



Singly Linked Lists

A collection of nodes that together form a linear ordering.



Let's finish coding!

Goal:

- Insertion + deletion (at head)
- Basic info: test if empty + get data from head
- Proper Housekeeping!

Code

See `SLinkedList.h` & `SLinkedList.cpp`

