Day's Goals Thursday, February 1, 2018 11:28 AM

linked List Z.cpp

Recap: - construct a singly linked list

- traverse the LL

LL: - search

- insert

- de lete

LL Construction

- use 3 struct pointers (Node struct)

> (head, tmp, current)

- begin allocating space for each

- set 'head' pointing to 1st node

- use 'current' point to the most recently croated node (previous mode)
- use timp to create now modes

 Ly always intialize the timp mode

 pointing to null
- loop twongh until have desired up. of nodes

Traverse:

Current = head

while (convent!= null pts);

Cout <<

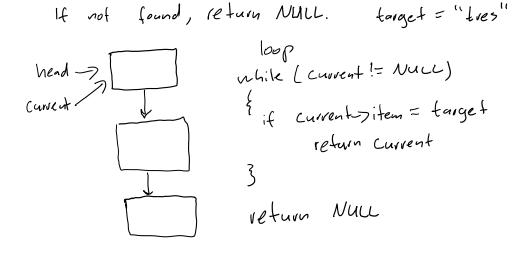
current = Current - Innext;

Node * current

Node * current

Search:

e.g. Find a node first contains "tres" and return its address.



Inserting a new Node

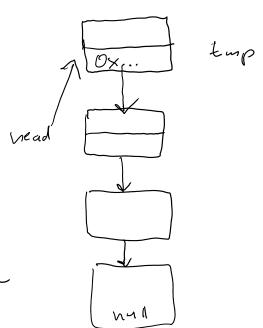
3 scenarios: A) At the beginning

B) After a given wode

C) Append at the end

- A) At the beginning

 1) Create new Node
 - 2) Link new node w/ old head
 - 3) Make head point to new node
 - 4) Set tup to NULL



B) After a given mode (given previous Node adds)

