Reverse
nead = [A] 7 [B] 7 > [C] 7 > [D]
Note this algorithm is different from the lab.
We want head
[A]. = [B] = [C] = [D]
To do this, we use three temporary noide
variables with these initial values.
Node curr = head;
Node preud = null;
Node nextly = null;
The idea is at each iteration we set
curr. next = preuN;
Pictorially read A . To BT - 201
BIVULL IT
* Curr
nex+ N
(1) First set <del>corr.next = prevIV</del> nextN = corr.next
(2) Then Set Curr. next = prev (In first iteration to null).
(3) Then > preun = curr
Curr = nextN
Steps 1-4 are done in a loop. I'll leave you guys to

aftermine when the loop should terminate.

At the end (after loop) set head = preuN;

Cycle and of chain
IDEA: Move first Node to end of chain
neod 3/1/2/1/2/1/2/2/2/2/2/2/2/2/2/2/2/2/2/2/
Soout 3
To do this we must traverse to the last node.
Use a scout node
Node Soc Scout = head;
do scout= scout. next until scout is null.
there is a case where we so not
wont to do scout = Scout. next. I'll let
You guys figure it out.
1 2 3 4
Once Scout is at the last node IT-17/17/17
(1) Simply say scout. next = head;
(2) Must remove the first node know. I'll leave that
to you as well. Hint: must modify head.
Coution when we did (1) head's next reference
pointed to the second node. So do we have
a loop in our choin? In picture form,
head 2 3 4 1
777117117
Scout
You must erese this loop.
^
Do so using the secret node,