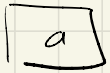


## SA 4 - Linked Lists

### 2. box-and-pointer diagram

→ `SinglyLinkedList = new SinglyLinkedList();`

↳ `list.add(0, "a")`



head, tail

↳ `list.add(1, "b")`



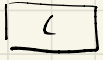
head

→



tail

↳ `list.add(0, "c")`



head

→

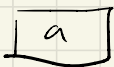


→



tail

↳ `list.remove(0)`



head

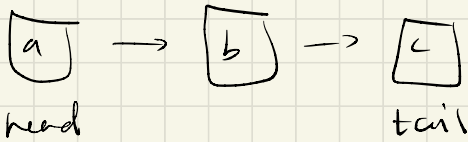
→



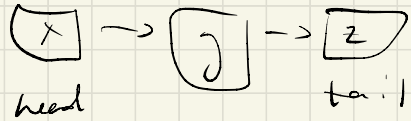
tail

### 3.) Append

List 1:



List 2:



append  $\rightarrow$  points tail of List 1 to head of List 2  
and sets tail of List 1 to head of List 2

New List 1:

