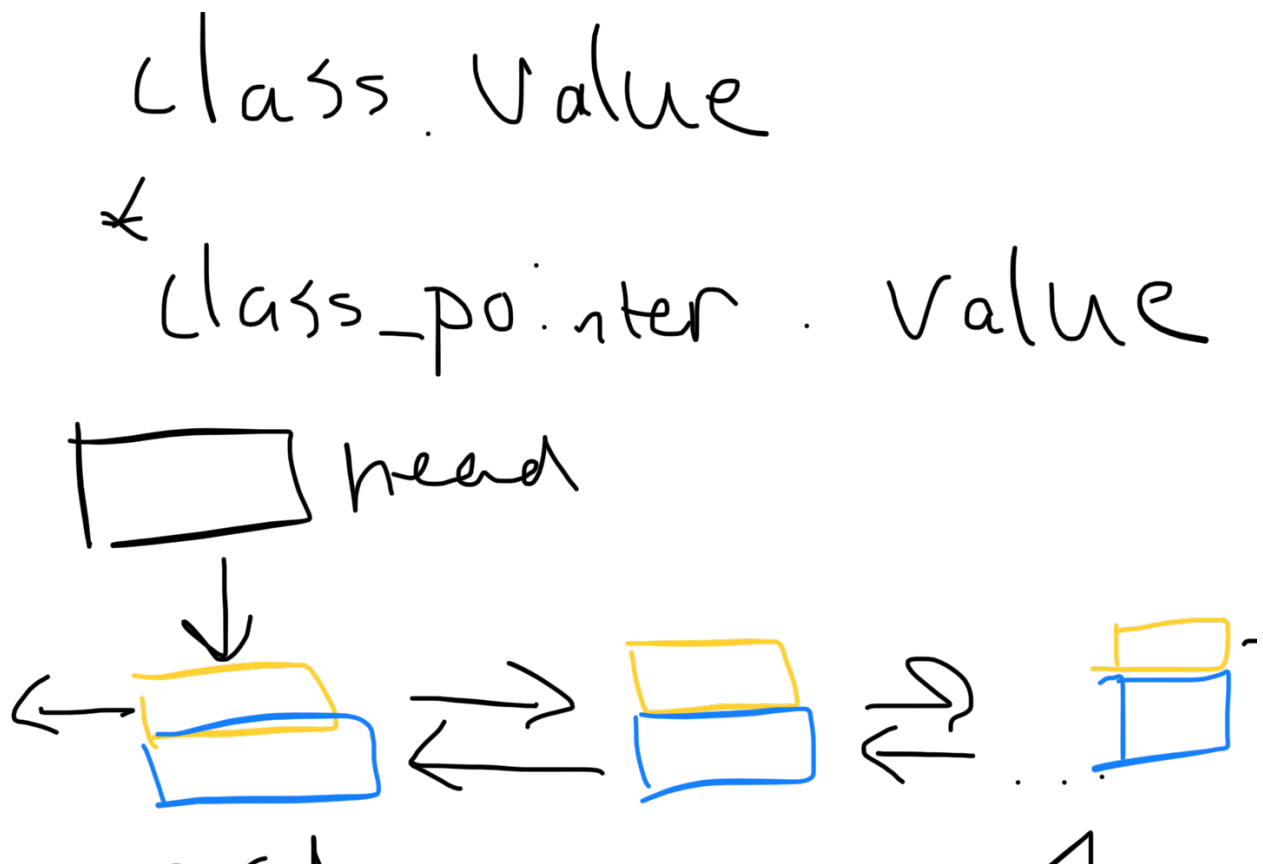


CS32 Week 3 Notes

- Why do we need linked lists?
 - We don't know how many items we are going to store
 - Inserting is more efficient
 - Deleting is more efficient
- Linked Lists are all about pointers
 - Syntax is all pointer syntax
 - Be comfortable with this for example
 - ◆ Node->next->next->data
 - ◆ Circular references
 - If you get stuck draw a picture.
- What do LL have to be able to do?
 - Constructor
 - Destructor
 - Copy constructor and assignment operator *
 - Add items
 - Delete items
 - Find an item
 - Traversal



node

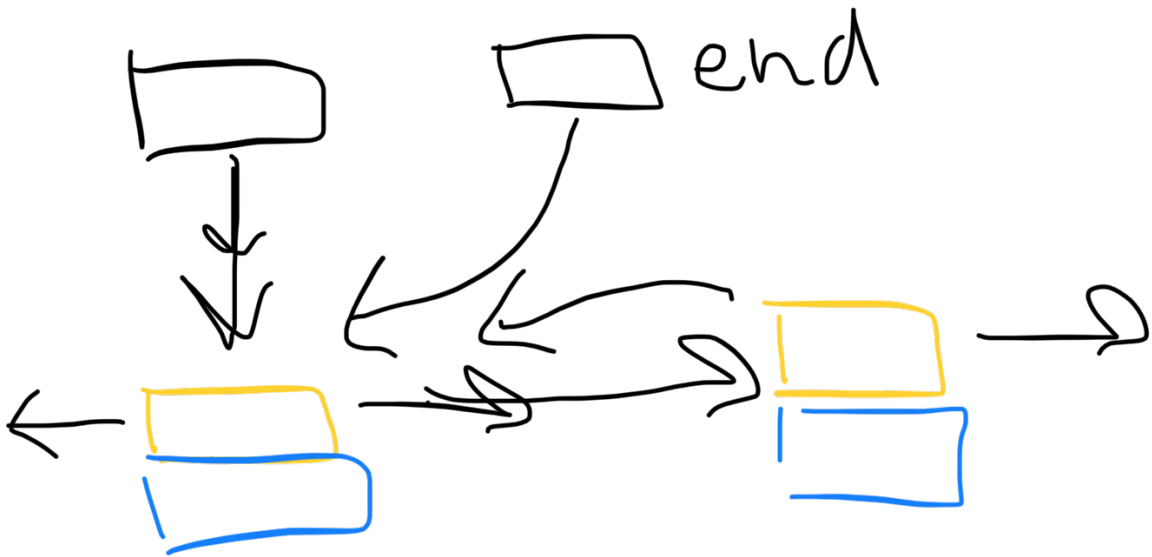


$p = p \rightarrow \text{next}$

91



end



head

