

Notes for Today:

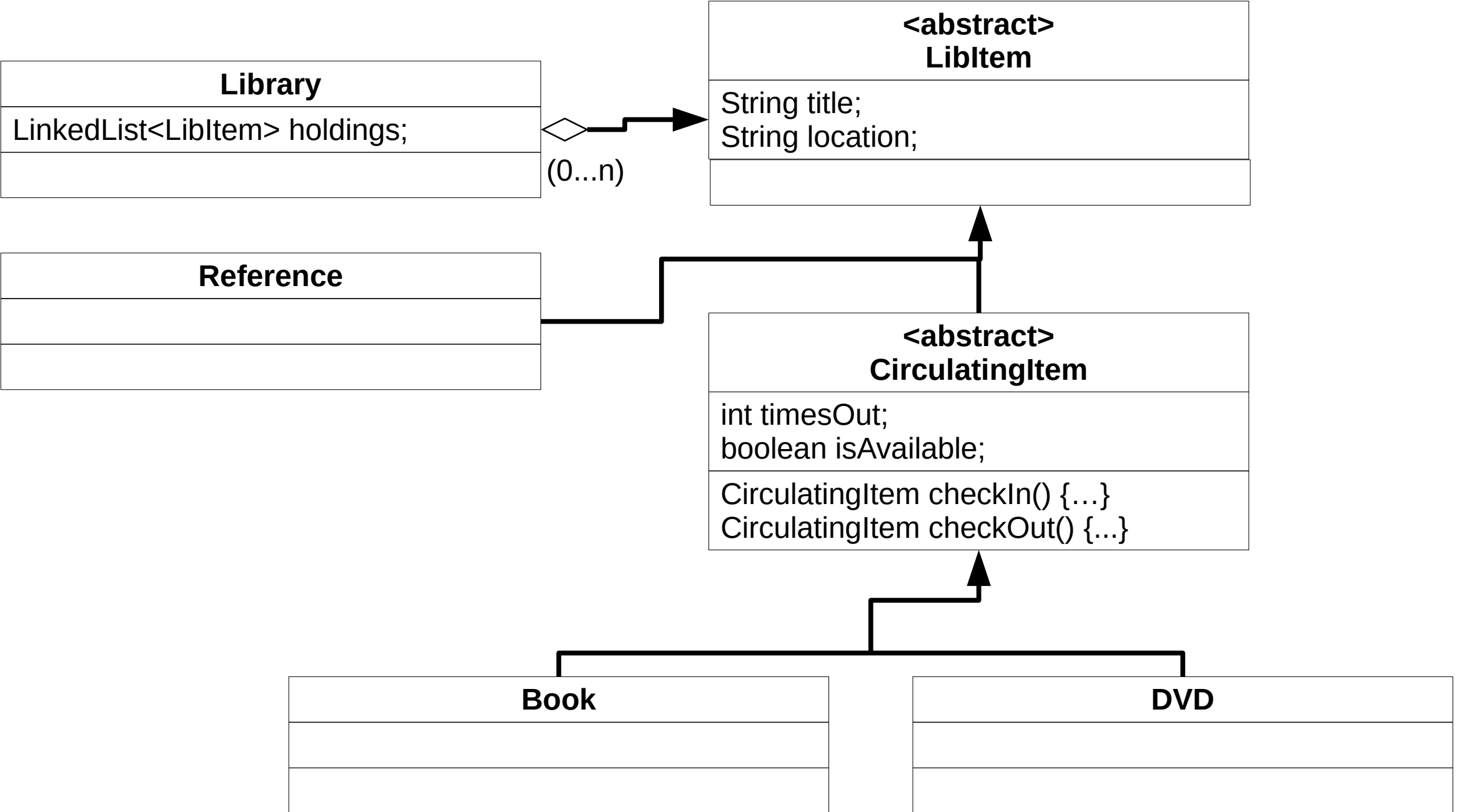
Please pick up a handout from the front or back tables **OR** pull up the online copy at <https://tinyurl.com/cs2102DesignCode>

If you did not get Quiz 1 back last week, please come pick it up from the table in the front of the room

Quiz 2 will be given back in lab, NOT lecture

Design Task: Add classes and modify the existing code so that the library holdings can contain any of the three kinds of items. You should create additional classes to share fields and methods as appropriate.

HINT: Think about abstract classes, not interfaces.



Rewrite the constructors for Book, Reference, and DVD, and write the constructors for LibItem and CirculatingItem.

Each of Books and DVDs should have a method `lateFee` that takes the number of days overdue a book is and returns the fee for that many days.

- For books, the late fee is 25 cents a day.
- For DVDs, the fee is 5 dollars (total) up to 3 days late, then 20 dollars (total) over 3 days.

