

Exam Jam

- Thursday, April 6 (tomorrow!)
CSC148 session 3-5pm, SS1085
- Other things ...
(LIKE PUPPIES!!!)

(actual puppies may not be as pictured)

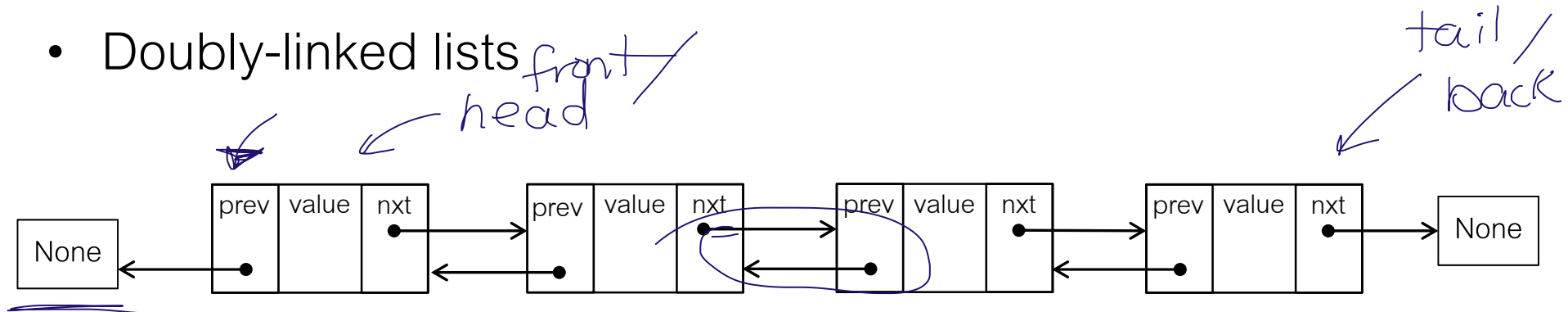


- http://www.artsci.utoronto.ca/current/exam_jam



Linked lists - revisited

- More practice with linked list operations ...
- Doubly-linked lists



- Remember: draw diagrams!

Problem: given a DLL with values sorted (ascending),
how do we insert a new node while maintaining

① sorted property ② appropriate DLL references

→ need to figure out: where should it go? → traverse, compare values.
- insert right before first node w larger value



Handwritten notes:
M
- / -

Insert in sorted order

- Special case

special case when inserting at front or back

Handwritten note:
run

- update next & prev
carefully, so we don't lose anything