

CS 314: Data Structures

October 19, 2020

Sam's Section

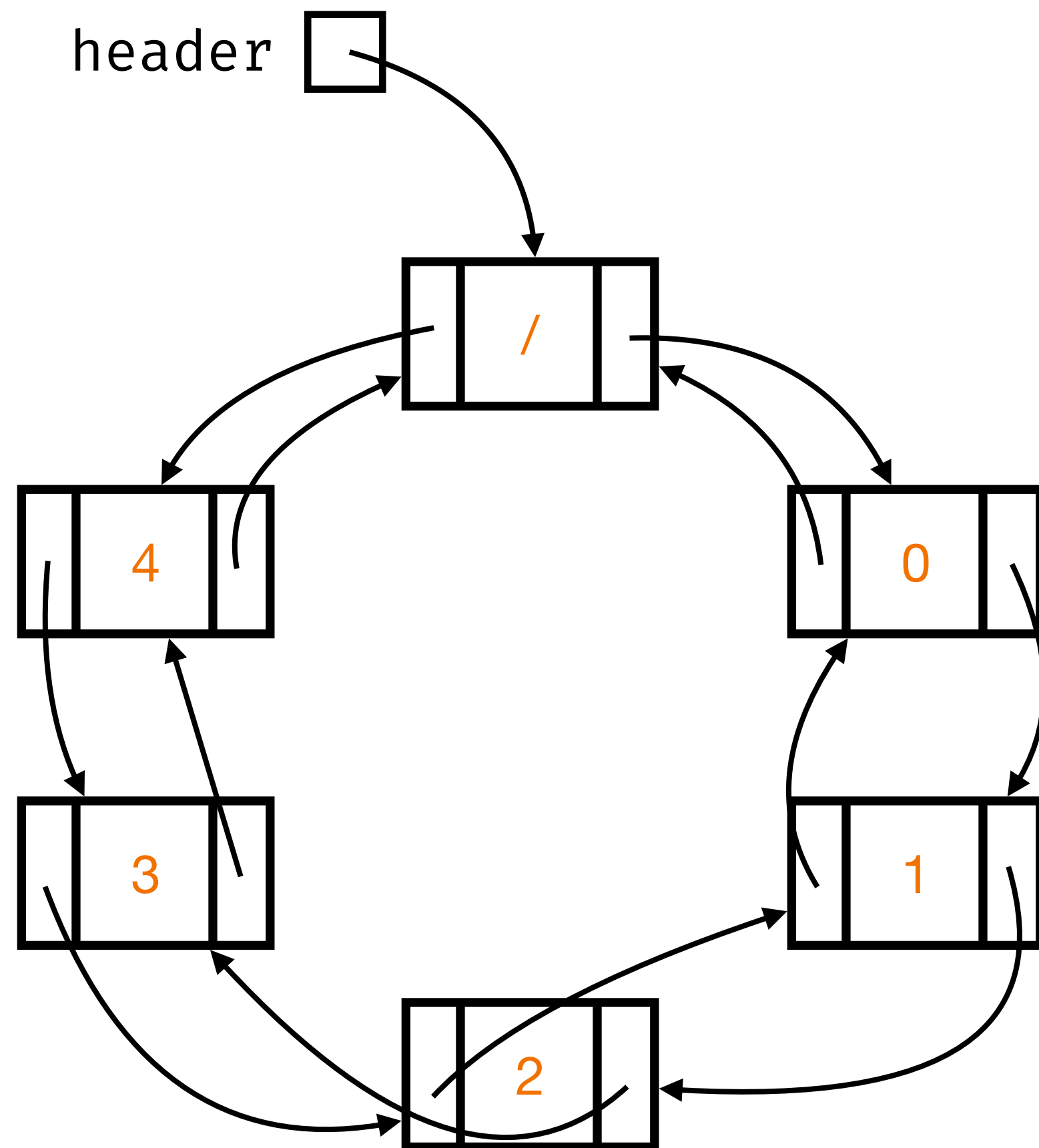
Slides available at: www.cs.utexas.edu/~slaberge

LinkedLists Assignment

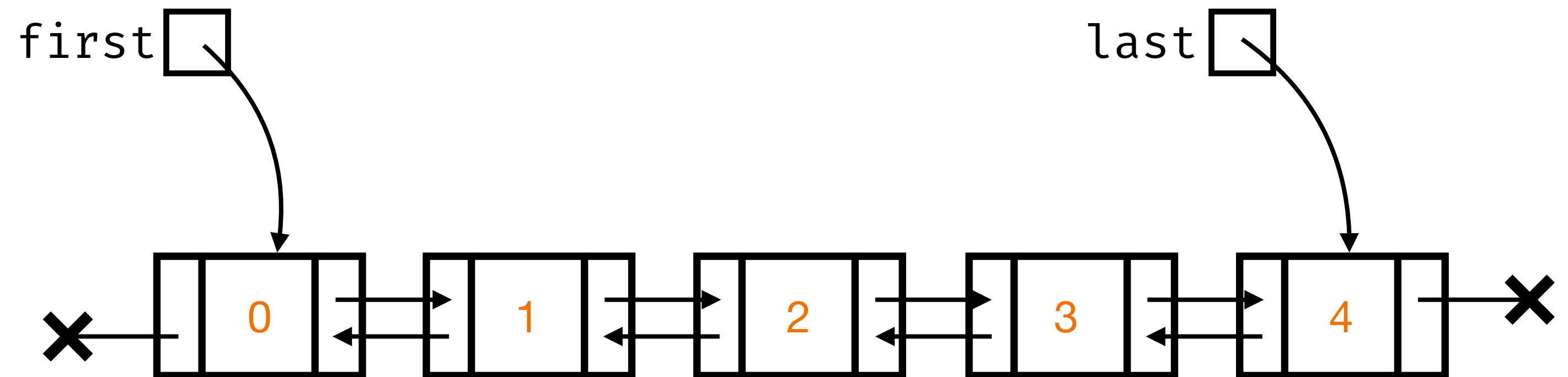
Linked Lists

Two Approaches

Circular (w/ Header)



Linear



Slides Redacted

(See Discussion Section Recording on Canvas)

Recursion Assignment

Recursion Assignment

Style Warnings

- Once you find an optimal solution, stop searching!
- For canFlowOffMap & maze, review how we generalized checking directions for queensAreSafe in the first assignment (you can look at the Zoom recording on Canvas)
- Be *very* careful of magic characters and numbers
 - *Does this number/character have some other underlying meaning? Was it (somewhat) arbitrarily chosen by Mike?*

Recursion Assignment

Working With a Partner

- You can work with a partner on this assignment!
- Your partner must be in this discussion section
- Both of you must have enough slip days if you use any
- This does not mean you can Divide & Conquer the assignment, you should be doing Pair Programming (see the assignment page for more)
- Get started early, recursion can be very tricky if this is your first encounter with it

Section Problem