CSCI 1120 April 24, 2019

### Administrivia

• Reminder: Homework 9 due first day of finals. I plan to do one more set of video lectures reviewing(?) BSTs.

 Homework 7 graded. I plan to grade Homework 8 soon and send out grade summaries.

#### Slide 1

### Homework 7 Essays

- Most people seemed to find the assignment helpful in understanding pointers better, though some seemed still unsure. Agreed that it's a difficult topic.
- Several said the assignment was difficult (true!).
- Several commented on it being satisfying to finish. Agreed that solving a hard problem gives a sense of accomplishment!
- One person mentioned making more use of man pages. Yay!

#### Slide 2

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## Recap of Video Lectures — 4/17

- Sorted linked list of integers in C.
- Questions?

Slide 3

## Recap of Video Lectures — 4/24

- Miscellaneous undefined behavior, sizes of types, use of non-standard libraries. I may say more next time about responses.
- Questions?

Slide 4

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# Practice Problem — Filter and Map on Linked List

- Add code to sorted linked list to do simple "filter" and "map".
- (We'll do this one as a group.)

Slide 5

### Minute Essay

• Have you seen binary search trees (BSTs) in another language? (Those in CS2 have seen them in Scala, no?)

Slide 6